

# MATERIAL SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

**MANUFACTURED BY:**  
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<b>PRODUCT:</b>	FRAGRANCE COMPOSITION	# WS-1549
<b>LABELNAME:</b>	APPLE	# WS-1549
<b>TRADE OR PRODUCT NAME:</b>	APPLE FRAGRANCE OIL	# WS-1549
<b>REVISED:</b>	04/18/2002	
<b>PREPARER:</b>		

## 2. PRODUCT INFORMATION

THE SPECIFIC CHEMICAL IDENTITIES OF THE INGREDIENTS OF THIS MIXTURE ARE CONSIDERED BY \_\_\_\_\_ TO BE TRADE SECRETS AND ARE WITHHELD IN ACCORDANCE WITH THE PROVISIONS OF 1910.1200 OF TITLE 29 OF THE CODE OF FEDERAL REGULATIONS.

## 3. HAZARDS IDENTIFICATION

### POTENTIAL HEALTH EFFECTS:

**INGESTION:** CAUSES IRRITATION OF THE MOUTH, NOSE AND THROAT.

**SKIN:** IT MAY BE IRRITATING TO THE SKIN.

**INHALATION:** IT MAY BE IRRITATING TO THE RESPIRATORY SYSTEM

**EYE CONTACT:** IT MAY BE IRRITATING TO THE EYES.

**CHRONIC EFFECTS / CARCINOGENICITY:** THIS PRODUCT OR ONE OF ITS INGREDIENTS PRESENT AT 0.1% OR MORE IS NOT LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN BY NTP, IARC, OR OSHA. BASED ON HEALTH HAZARD DETERMINATION OF CONTAINED INGREDIENTS PRESENT AT A CONCENTRATION GREATER THAN ONE PERCENT, THIS MIXTURE MAY BE IRRITATING TO SKIN AND EYES.

#### 4. FIRST AID MEASURES

# WS-1549

**INGESTION:** RINSE MOUTH WITH WATER. GIVE WATER OR MILK. OBTAIN MEDICAL ADVISE IMMEDIATELY.

**SKIN:** REMOVE CONTAMINATED CLOTHES, WASH AFFECTED AREAS WITH WATER, IF IRRITATION PERSISTS, OBTAIN MEDICAL ADVISE.

**INHALATION:** REMOVE FROM THE EXPOSSURE TO FRESH AIR. CONTACT A PHYSICIAN IF NECESSARY.

**EYES:** IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

#### 5. FIRE FIGHTING MEASURES

**FLASH POINT:** 122 F

**METHOD:** T.C.C.

**IGNITION TEMP.:** N/A

**FLAMMABLE LIMITS IN - AIR LOWER (%):** N/A

**FLAMMABLE LIMITS IN - AIR - UPPER (%):** N/A

**EXTINGUISHING MEDIA:** CARBON DIOXIDE, DRY CHEMICAL, FOAM.

**SPECIAL FIREFIGHTING PROCEDURES:** COOL EXPOSED CONTAINERS WITH WATER SPRAY AFTER EXTINGUISHING FIRE.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** CLOSED CONTAINERS MAY BUILD PRESSURE WHEN EXPOSED TO HEAT OR FIRE.

**DOT HAZARD CLASS:** COMBUSTIBLE NON HAZARDOUS

#### 6. ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** ELIMINATE ALL IGNITION SOURCES. VENTILATE AREA. CONTAIN SPILL. ABSORB REMAINDER ON VERMICULITE OR OTHER SUITABLE ABSORBANT MATERIAL. USE OF SELF CONTAINED BREATHING APPARATUS IS RECOMMENDED FOR ANY MAJOR CHEMICAL SPILL. CONTACT APPROPRIATE AUTHORITIES, IF REQUIRED.

#### 7. HANDLING AND STORAGE

**PRECAUTION TO BE TAKEN IN HANDLING AND STORAGE:** AVOID INHALATION AND CONTACT WITH SKIN AND EYES. GOOD MANUFACTURING PRACTICES DICTATE THAT AN EYEWASH FOUNTAIN AND/OR SAFETY SHOWER SHOULD BE AVAILABLE IN THE WORK AREA. STORE IN A COOL DRY VENTILATED AREA FROM HEAT SOURCE. KEEP CONTAINERS TIGHTLY CLOSED AND UPRIGHT WHEN NOT IN USE.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**RESPIRATORY PROTECTION:** NONE GENERALLY REQUIRED. IF DESIRED USE NIOSH APPROVED REPIRATOR.

**PROTECTIVE GLOVES:** USE CHEMICAL RESISTANT GLOVES.

**EYE AND FACE PROTECTION:** USE SPLASH GOGGLES OR FACE SHIELD, WHEN EYE CONTACT MAY OCCUR.

**VENTILATION:** LOCAL EXCAUSED, MEETING ACGIH CRITERIA AS NEEDED.

**WORK/HYGIENE PRACTICES:** GOOD PERSONAL PRACTICES SHOULD BE USED. WASH AFTER ANY CONTACT. CONTAMINATED CLOTHING AND SHOES SHOULD BE CLEANED BEFORE RE-USE.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

# WS-1549

BOILING POINT:	N/A
VAPOR PRESSURE (20) (MM HG):	N/A
VAPOR DENSITY (AIR=1):	N/A
SPECIFIC GRAVITY (WATER=1):	1.040 AT 72 F
MELTING POINT:	N/A
EVAP. RATE (BUTYL ACETATE=1):	N/A
SOLUBILITY IN WATER (20 C):	SOLUBLE
PHYSICAL STATE:	FREE FLOWING LIQUID WITH NO SEDIMENT
COLOR:	LIGHT BROWNISH
ODOR:	APPLE LIKE

## 10. STABILITY AND REACTIVITY

STABILITY:	STABLE.
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR
HAZARDOUS DECOMPOSITION:	CARBON DIOXIDE, CARBON MONOXIDE, FUMES.
INCOMPATIBILITY (MATERIALS TO AVOID):	STRONG OXIDIZING AGENTS.
CONDITIONS TO AVOID:	EXCESSIVE HEAT.

## 11. WASTE DISPOSAL METHODS

PLACE MATERIAL AND ABSORBENT INTO SEALED CONTAINERS AND DISPOSE OF IN ACCORDANCE WITH CURRENT APPLICABLE LAWS AND REGULATIONS.

## 12. DISCLAIMER

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