

1. PRODUCT AND COMPANY IDENTIFICATION

NAME: APPLE ORCHARD DRY AIR FRESHENER

USE: AIR FRESHENER

LABEL ID: IND/COM

MSDS # 064160 CODE # 064160

US CHEMICAL, 316 HART STREET, WATERTOWN WI 53094 USA

MEDICAL EMERGENCY #: 1-800-851-7145 EXT. 075 USA

SPILL EMERGENCY #: 1-800-424-9300 USA

PRODUCT INFORMATION #: 1-800-558-9566 (8 A.M. TO 5 P.M. CST MONDAY TO FRIDAY)

INTERNET ADDRESS: WWW.USCHEMICAL.COM

REVIEWED 2-2-05 REVISED 2-2-05 SECTION REVISED: 1

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: DANGER! FLAMMABLE. AEROSOL. HARMFUL OR FATAL IF SWALLOWED. MAY BE MILDLY IRRITATING TO EYES AND SKIN. CONTENTS ARE UNDER PRESSURE. TEMPERATURE ABOVE 120°F OR 49°C MAY CAUSE CAN TO BURST. IF FIRE OCCURS, USE EQUIPMENT TO SHIELD OR PROTECT PERSONNEL FROM VENTING OR RUPTURING AEROSOL CANS.

PRINCIPLE ROUTES OF EXPOSURE: SKIN, EYES, INHALATION, INGESTION

POTENTIAL ACUTE HEALTH EFFECTS

EYES: MAY BE MILDLY IRRITATING TO EYES.

SKIN: MAY BE MILDLY IRRITATING TO SKIN.

INHALATION: INHALATION OF MISTS OR VAPORS MAY CAUSE IRRITATION TO NOSE, THROAT, AND MUCOUS MEMBRANES, HEADACHE, DIZZINESS, DROWSINESS AND PULMONARY IRRITATION. SEVERITY DEPENDS ON DEGREE OF EXPOSURE.

INGESTION: MAY CAUSE ABDOMINAL DISCOMFORT, NAUSEA, VOMITING AND DIARRHEA. HARMFUL OR FATAL IF SWALLOWED.

MEDICAL CONDITIONS AGGRAVATED: PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTABLE TO IRRITATING EFFECTS.

3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS #	% BY WT	LC50/LD50
LIQUEFIED PETROLEUM GAS	68476-86-6	55.0 – 65.0	N.AV.
ISOPARAFFINIC HYDROCARBON	64742-47-8	20.0 – 30.0	N.AV.
ETHYL ALCOHOL	64-17-5	5.0 – 10.0	N.AV.
ISOPROPYL ALCOHOL	67-63-0	1.0 – 5.0	N.AV.
APPLE ORCHARD FRAGRANCE	N.AV.	1.0 -2.0	N.AV.

STATE RIGHT TO KNOW: THIS PRODUCT CONTAINS:

WATER/7732-18-5, ISOPARAFFINIC HYDROCARBON/64742-47-8, LIQUEFIED PETROLEUM GAS (PROPANE)/74-98-6, LIQUEFIED PETROLEUM GAS (N-BUTANE)/106-97-8, ETHYL ALCOHOL /64-17-5, ISOPROPYL ALCOHOL/67-63-0, APPLE ORCHARD FRAGRANCE/N.AV.

4. FIRST AID MEASURES

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EYES: FLOOD WITH LUKEWARM (NOT HOT) WATER Poured from a large glass 2 or 3 inches from eyes. Remove contacts. Have patient blink as much as possible while flooding the eyes. Continue for at least 15 minutes.

SKIN: REMOVE CONTAMINATED CLOTHES, THEN FLOOD WITH WATER.

INHALATION: MOVE VICTIM TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF PATIENT IS NOT BREATHING.

INGESTION: DO NOT INDUCE VOMITING. IF PATIENT IS CONSCIOUS AND CAN SWALLOW, ADMINISTER MILK OR WATER. LEAN VICTIM FORWARD TO REDUCE RATE OF ASPIRATION.

ADMINISTER FIRST AID TREATMENT AS STATED ABOVE, THEN CALL 1-800-851-7145 EXT. 075 OR CONTACT PHYSICIAN FOR FURTHER MEDICAL INSTRUCTIONS.

NOTE TO PHYSICIAN: CALL 1-800-851-7145 EXT. 075 FOR ASSISTANCE WITH THE MANAGEMENT OF EXPOSURES.

5. FIRE-FIGHTING MEASURES

FLAMMABILITY: FLAMMABLE AEROSOL AS DESCRIBED BY 16 CFR 1500.3

FLAMMABILITY LIMITS (PROPELLANT): SEE SECTION 9.

FLASH POINT: PROPELLANT = BELOW 0°F, CONCENTRATE= ABOVE 55°F

PRODUCTS OF COMBUSTION: SEE SECTION 10.

SUITABLE EXTINGUISHING MEDIA: TO FIGHT FIRE, USE CARBON DIOXIDE, DRY CHEMICAL OR ALCOHOL FOAM.

SPECIFIC HAZARDS: CONTENTS ARE UNDER PRESSURE IN AEROSOL CAN. TEMPERATURE ABOVE 130°F OR 54°C MAY CAUSE AEROSOL CAN TO BURST OR RUPTURE.

SPECIFIC METHODS: COOL CONTAINERS WITH WATER SPRAY TO PREVENT VAPOR PRESSURE BUILD UP. USE EQUIPMENT OR SHIELDING, AS REQUIRED, TO PROTECT PERSONNEL FROM BURSTING, RUPTURING OR VENTING CONTAINERS.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: SEE SECTION 8. PUT ON APPROPRIATE PPE.

SPILL RESPONSE: IF CONTAINERS BEGIN TO LEAK THROUGH PUNCTURE OR DEFECTIVE PACKAGING, ALLOW IT TO DISCHARGE COMPLETELY IN A WELL VENTILATED AREA. WEAR PROTECTIVE EQUIPMENT INCLUDING RUBBER BOOTS. REMOVE SOURCES OF IGNITION. AVOID HEAT, SPARK OR FLAME. KEEP COMBUSTIBLES AWAY! AVOID DIRECT DISCHARGE TO SEWER AND SURFACE WATERS. PUMP TO CONTAINER OR SOAK UP WITH NON-COMBUSTIBLE INERT ABSORBENT MATERIALS. AFTER SPILL COLLECTION, FLUSH AREA WITH WATER AND FOLLOW WITH NORMAL CLEAN-UP PROCEDURES. BE CAREFUL AS SPILLS ARE SLIPPERY.

7. HANDLING AND STORAGE

HANDLING: FOLLOW ALL LABEL DIRECTIONS. AVOID HEAT, SPARKS OR OPEN FLAME. INSTRUCT PERSONNEL ABOUT PROPER USE, HAZARDS, PRECAUTIONS, AND FIRST AID MEASURES. AVOID INHALATION, INGESTION AND CONTACT WITH SKIN AND EYES. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. HANDLE CAREFULLY TO AVOID PUNCTURE.

STORAGE: ROTATE STOCK REGULARLY. HANDLE CAREFULLY TO AVOID DAMAGING CONTAINER. KEEP AWAY FROM SPARKS, OR OPEN FLAME. KEEP FROM FREEZING. STORE IN A COOL DRY AREA OUT OF DIRECT SUNLIGHT. KEEP OUT OF CHILDREN'S REACH. KEEP AWAY FROM FOOD AND DRINKING WATER. STORE AS LEVEL 3 AEROSOL (NFPA 30B).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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EXPOSURE LIMITS: LIQUEFIED PETROLEUM GAS = 1000 PPM TWA (ACGIH/OSHA)
ETHYL ALCOHOL = 1000 PPM TWA (ACGIH/OSHA)
ISOPROPYL ALCOHOL = 200 PPM TWA, 400 PPM STEL (ACGIH), 400 PPM TWA (OSHA)
ENGINEERING CONTROLS: NOT ORDINARILY NEEDED. SPRAY AWAY FROM YOURSELF TO AVOID INHALATION OF MISTS. IF EXPOSURE EXCEEDS LIMITS FOR PEL/TLV, USE A NIOSH APPROVED RESPIRATOR.

PERSONAL PROTECTION

EYES: SAFETY GLASSES WITH SIDE SHIELDS. HAVE AN EYE WASH STATION AVAILABLE.
HANDS: N.AP.
RESPIRATORY: NONE REQUIRED WITH NORMAL USE. AVOID INHALATION OF MIST.
FEET: N.AP.
BODY: N.AP.

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOR: COLORLESS	FLASH POINT: SEE SECTION 5.
ODOR : APPLE	UEL: 9.5% (FOR PROPELLANT)
pH CONCENTRATE: N.AV.	LEL: 1.9% (FOR PROPELLANT)
pH @ 2500 PPM SOLUTION: N.AP.	EVAPORATION RATE: N.AV.
pH @ USE DILUTION: N.AP.	ODOR THRESHOLD: N.AV.
PHYSICAL STATE: LIQUID IN AEROSOL CAN	VAPOR PRESSURE: 150@130°F PSIG
SPECIFIC GRAVITY: LESS THAN 1.0	VAPOR DENSITY: N.AV.
VISCOSITY: NON-VISCOUS	COEFF. OIL/WATER: N.AP.
BOILING POINT: N.AP.	WATER SOLUBILITY: SLIGHT
MELTING POINT: N.AP.	OTHER: N.AP.

10. STABILITY AND REACTIVITY

STABLE: YES
CONDITIONS TO AVOID: DO NOT STORE ABOVE 49°C OR 120°F. KEEP AWAY FROM HEAT, DIRECT SUNLIGHT, OPEN FLAMES OR SPARKS. AVOID SPRAYING ON HOT SURFACES. DROPPING MAY CAUSE CONTAINER TO BURST.
MATERIALS TO AVOID: AVOID CONTACT WITH OTHER CLEANING PRODUCTS.
DECOMPOSITION PRODUCTS: FIRE OR MIXING WITH INCOMPATIBLE MATERIALS MAY PRODUCE OXIDES OF CARBON AND OTHER TOXIC OR IRRITATING FUMES.
POSSIBILITY OF HAZARDOUS REACTIONS: N.AP.

11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS: SEE SECTION 2.
CHRONIC EFFECTS: NONE KNOWN. NO REPORTABLE CARCINOGENS, MUTAGENS, SENSITIZERS, SYNERGISTIC MATERIALS, TERATOGENS, OR REPRODUCTIVE TOXINS.
LC50/LD50: N.AV.
TARGET ORGANS: EYES, SKIN, RESPIRATORY SYSTEM
OTHER TOXIC EFFECTS: NONE KNOWN.

12. ECOLOGICAL INFORMATION

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NOT AVAILABLE.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: COMPLY WITH ALL FEDERAL, STATE, PROVINCIAL AND LOCAL REGULATIONS. CONSULT REGULATORY AGENCIES FOR RESTRICTIONS ON DISPOSAL OF CHEMICAL WASTE. DO NOT THROW IN FIRE. DO NOT PUNCTURE OR INCINERATE CONTAINERS. WHEN CONTENTS ARE DEPLETED CONTINUE TO DEPRESS BUTTON UNTIL ALL GAS IS EXPELLED. AEROSOL CYLINDER IS NOT REFILLABLE. GIVE TO A DISPOSAL SERVICE EQUIPPED TO SAFELY DISPOSE OF PRESSURIZED CONTAINERS. PLEASE RECYCLE EMPTY CONTAINER WHENEVER POSSIBLE.

14. TRANSPORT INFORMATION

DOT/TDG: CONSUMER COMMODITY, ORM-D
DOT RQ: N.AP.
IMDG: AEROSOLS, 2, UN1950, LIMITED QUANTITY

15. REGULATORY INFORMATION

EPA CERCLA RQ: N.AP.
EPA REGISTERED: NO
EPA %VOC: 1.00
EPA VOC RULE: PRODUCT COMPLIES WITH THE EPA VOC EMISSIONS STANDARD.
KOSHER (CRC): NO
OSHA HAZARDOUS: YES
PHOSPHORUS CONTENT: 0.00%
PROPOSITION 65: N.AP.
SARA 311/312 HAZARDS: ACUTE, FIRE, PRESSURE
SARA 313 CHEMICALS: N.AP.
STATE RIGHT TO KNOW: SEE SECTION 3 FOR STATE RTK CHEMICAL NAMES.
TSCA INVENTORY STATUS: ALL COMPONENTS ARE LISTED ON THE INVENTORY.
WHMIS CLASS: A, D-2B

16. OTHER INFORMATION

NFPA RATING: HEALTH-1/FLAMMABILITY-4/REACTIVITY-0/SPECIAL HAZARD-N.AP.
HMIS RATING: HEALTH-1/FLAMMABILITY-4/REACTIVITY-0/PERSONAL PROTECTION-SEE 8.0

N.AV. = NOT AVAILABLE N.AP. = NOT APPLICABLE

PREPARED BY: HEALTH AND SAFETY

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