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MATERIAL SAFETY DATA SHEET

AIRWISE

SECTION 1 MATERIAL IDENTIFICATION

WHMIS CLASSIFICATION
HMIS

WHMIS CLASS B2, D-2A
HEALTH 2, FLAMMABILITY 4, REACTIVITY 1,
PERSONAL PROTECTION B
MIXTURE
NOT APPLICABLE
ODOUR COUNTERACTANT

CHEMICAL FORMULA
MOLECULAR WEIGHT
MATERIAL USE

SECTION 2 HAZARDOUS INGREDIENTS OF MATERIAL

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

ISOPROPANOL
10-50
67-63-0
TWA: 400 CEIL: 500 (ppm) TWA: 900 CEIL: 1225 (mg/m³)
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
SPICE FRAGRANCE, PINK LIQUID
NOT AVAILABLE
0.95
WEIGHTED AVERAGE: 25.97 MM OF HG (@ 20°C)
WEIGHTED AVERAGE: 2.14 (AIR=1)
(WATER = 1) SIMILAR
82.°C (179.6°F)
NOT DETERMINED
SOLUBLE
>99
7.7-8.2

SECTION 4 FIRE AND EXPLOSION DATA

FLAMMABILITY
MEANS OF EXTINCTION

FLAMMABLE
FLAMMABLE LIQUID, SOLUBLE OR DISPERSED IN
WATER.
SMALL FIRE: USE DRY CHEMICALS, CO2, WATER SPRAY
OR FOAM. LARGE FIRE: USE ALCOHOL FOAM, WATER
SPRAY OR FOG. 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

FLASHPOINT (°C) AND METHOD
UPPER EXPLOSION LIMIT (% BY VOL.)
LOWER EXPLOSION LIMIT (% BY VOL.)
HAZARDOUS COMBUSTION PRODUCTS
EXPLOSION SENSITIVITY TO CHEM. IMPACT

BE USED TO AVOID INHALATION OF THE PRODUCT.
MOVE CONTAINING VESSELS FROM FIRE IF WITHOUT RISK.
CLOSED CUP: 23.5°C
UPPER: 12% (ISOPROPYL ALCOHOL)
LOWER: 2%
CO, CO₂
NOT AVAILABLE

SECTION 5 REACTIVITY DATA

CHEMICAL STABILITY
INCOMPATIBILITY? TO WHAT?

STABLE
SLIGHTLY REACTIVE TO REACTIVE WITH OXIDIZING AGENTS, REDUCING AGENTS, ACIDS OR ALKALIS. VERY SLIGHTLY TO SLIGHTLY REACTIVE WITH ORGANIC MATERIALS, METALS OR MOISTURE.

HAZARDOUS DECOMPOSITION PRODUCTS

NOT AVAILABLE

SECTION 6 TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY SKIN CONTACT Y/N
ROUTE OF ENTRY SKIN ABSORPTION Y/N
ROUTE OF ENTRY EYE CONTACT Y/N
ROUTE OF ENTRY INHALATION ACUTE Y/N
ROUTE OF ENTRY INHALATION CHRONIC Y/N
ROUTE OF ENTRY INGESTION Y/N

Y
N
Y
Y
N
Y

EFFECTS OF ACUTE EXPOSURE

DANGEROUS IN CASE OF INGESTION. SLIGHTLY DANGEROUS TO DANGEROUS IN CASE OF SKIN CONTACT (IRRITANT, SENSITIZER, PERMEATOR), OF EYE CONTACT (IRRITANT), OF INHALATION. CAN BE FATAL IF INHALED OR INGESTED. OVEREXPOSURE CAN IRRITATE EYES AND SKIN.

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
EYEWEAR
FOOTWEAR
CLOTHING
ENGINEERING CONTROLS

IMPERVIOUS GLOVES
SAFETY GLASSES
AS REQUIRED BY EMPLOYER CODE
AS REQUIRED BY EMPLOYER CODE
GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS.

LEAK AND SPILL PROCEDURE

BEFORE ATTEMPTING CLEAN UP, REFER TO HAZARD DATA GIVEN ABOVE. SMALL SPILLS MAY BE ABSORBED WITH NON-REACTIVE ABSORBENT AND PLACED IN SUITABLE, COVERED LABELED CONTAINERS. PREVENT LARGE SPILLS FROM ENTERING WATERWAYS OR SEWERS. CONTACT EMERGENCY SERVICES AND SUPPLIER FOR ADVICE.

WASTE DISPOSAL

CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES.

STORAGE REQUIREMENTS

STORE IN A CLOSED CONTAINER, 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. COMPLETELY DECONTAMINATE CLOTHING, SHOES AND LEATHER GOODS BEFORE REUSE OR DISCARD.
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. IF SWALLOWED, CALL PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY. IF VOMITING OCCURS NATURALLY, HAVE VICTIM LEAN FORWARD TO REDUCE RISK OF ASPIRATION. NEVER GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS, IS RAPIDLY LOSING CONSCIOUSNESS OR IS CONVULSING.

*VALIDATED BY YORK CHEMICAL TECHNOLOGIES INC
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