

ASSURED PACKAGING INC
6080 Vipond Drive
Mississauga, Ontario
L5T 2V4, Canada

PRODUCT: 011-159 LANZA KER HEALING OIL HAIR SPRAY 10.6OZ**Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MANUFACTURER MANUFACTURER'S NAME AND ADDRESS
Assured Packaging Inc
6080 Vipond Drive
Mississauga, Ontario
L5T 2V4
905-565-1410

PRODUCT NAME..... 011-159 LANZA KER HEALING OIL HAIR SPRAY 10.6OZ
CHEMICAL FAMILY..... AMPHOTERIC ACRYLIC POLYMER.
MOLECULAR WEIGHT..... NOT APPLICABLE.
CHEMICAL FORMULA..... MIXTURE.
TRADE NAMES & SYNONYMS..... 011-159 LANZA KER HEALING OIL HAIR SPRAY 10.6OZ
PRODUCT USES..... HAIR SPRAY.
FORMULA/LAB BOOK #..... 011-159.

Section 02: COMPOSITION/INFORMATION INGREDIENTS

Hazardous Ingredients	%	Exposure Limit	C.A.S.#	LD/50, Route,Species	LC/50 Route,Species
ETHANOL (Ethyl Alcohol)	60-100	1000 ppm	64-17-5	7060 mg/kg ORAL - RAT	31,623 ppm (4 hr) INHAL - RAT
2-AMINO-2-METHYL-1-PROPAN OL	1-5	NONE	124-68-5	NOT AVAILABLE	NOT AVAILABLE
FRAGRANCE	0.1-0.3	N/A	PROPRIETARY	NOT AVAILABLE	NOT AVAILABLE
1,1-DIFLUOROETHANE	10-30	1000	75-37-6	NOT AVAILABLE	383000 ppm (4 hr) INHAL - RAT

Section 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY:
INGESTION..... HARMFUL IF SWALLOWED.
INHALATION..... PROPELLANT IS A SIMPLE ASPHYXIANT. EXCESSIVE INHALATION OF ETHANOL
VAPOURS CAN CAUSE CENTRAL NERVOUS SYSTEM EFFECTS.

EYE CONTACT..... DUST OR VAPORS MAY IRRITATE.
SKIN ABSORPTION..... ETHANOL CAN BE ABSORBED IN TOXIC AMOUNTS, ESPECIALLY FROM
PROLONGED OR REPEATED EXPOSURE.
SKIN CONTACT..... MAY CAUSE IRRITATION TO SENSITIVE SKIN.
EFFECTS OF ACUTE EXPOSURE..... ETHANOL-LONG TERM REPEATED ORAL EXPOSURE MAY RESULT IN THE
DEVELOPMENT OF PROGRESSIVE LIVER INJURY WITH FIBROSIS.

EFFECTS OF CHRONIC EXPOSURE
EXPOSURE LIMIT OF MATERIAL..... SEE SECTION 2.

Section 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURE IN CASE OF EYE CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR
AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. FOR SKIN, WASH
THOROUGHLY WITH SOAP AND WATER. IF AFFECTED BY INHALATION OF VAPOUR
OR SPRAY MIST, REMOVE TO FRESH AIR. IF SWALLOWED; DO NOT INDUCE
VOMITING, GET MEDICAL ATTENTION.

Section 05: FIRE FIGHTING MEASURES

AUTO IGNITION TEMPERATURE (°C)..... LOWEST KNOWN VALUE IS 422 (ETHANOL).
SPECIAL PROCEDURES..... WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS
TO PREVENT BUILD-UP IF EXPOSED TO EXTREME TEMPERATURES. FULL
PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING
APPARTATUS SHOULD BE WORN IN A FIRE INVOLVING THIS MATERIAL.

FLAMMABILITY..... FLAMMABLE AEROSOL.
IF YES, UNDER WHICH CONDITIONS?..... EXCESSIVE HEAT, SPARKS AND OPEN FLAME.
EXTINGUISHING MEDIA..... WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.
UPPER FLAMMABLE LIMIT..... 19.
(% BY VOLUME)

PRODUCT: 011-159 LANZA KER HEALING OIL HAIR SPRAY 10.6OZ**Section 05: FIRE FIGHTING MEASURES**

LOWER FLAMMABLE LIMIT..... (% BY VOLUME)	1.8.
EXPLOSION DATA	
SENSITIVITY TO STATIC DISCHARGE.....	NOT APPLICABLE.
SENSITIVITY TO IMPACT.....	NOT APPLICABLE.
HAZARDOUS COMBUSTION PRODUCTS.....	HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
AEROSOL FLAME PROJECTION	
CLASSIFIED AS:.....	>15cm.
FLASHBACK.....	NONE.
FLASH POINT(°C),TAG CLOSED-CUP (CONCENTRATE)	LOWEST KNOWN VALUE IS ETHANOL @ 13C.

Section 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL.....	REMOVE ALL SOURCES OF IGNITION. USE AN INERT ABSORBENT MATERIAL, AND NON-SPARKING TOOLS. VENTILATE AREA. PREVENT FROM ENTERING A WATERCOURSE.
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Section 07: HANDLING AND STORAGE

STORAGE NEEDS.....	KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.
ENGINEERING CONTROLS.....	VENTILATION - LOCAL (MECHANICAL IF USED INDOORS ON A CONTINUOUS BASIS).
HANDLING PROCEDURES AND EQUIPMENT	STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.
SYNERGISTIC MATERIALS.....	NONE KNOWN.

Section 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

GLOVES/ TYPE.....	PROTECTIVE GLOVES FOR HYPERSENSITIVE PERSONS.
RESPIRATORY/TYPE.....	NOT NORMALLY REQUIRED IF GOOD VENTILATION IS MAINTAINED.
EYE/TYPE.....	RECOMMENDED BUT NOT REQUIRED.
FOOTWEAR/TYPE.....	NOT NORMALLY REQUIRED.
OTHER/TYPE.....	NOT REQUIRED.

Section 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE.....	AEROSOL.
APPEARANCE.....	CLEAR LIQUID.
ODOR.....	FRAGRANT.
ODOR THRESHOLD.....	NOT AVAILABLE.
VAPOUR PRESSURE(PSIG)-AEROSOL..... @ 20 C	50-60.
BOILING POINT (°C)(CONC).....	LOWEST KNOWN VALUE IS ETHANOL @78.5C.
EVAPORATION RATE.....	GREATER THAN 1.
n-BUTYL ACETATE = 1	
VAPOUR DENSITY (AIR=1)..... (BY WEIGHT)	LESS THAN 1.
SOLUBILITY IN WATER g/L (20°C).....	70.
pH.....	8-9.
SPECIFIC GRAVITY (LIQUID).....	0.70-0.74.
COEFFICIENT OF WATER/OIL DIST.....	NOT AVAILABLE.
FREEZING POINT: (°C)	
AEROSOL PERCENT VOLATILE..... (BY WEIGHT).	90-95.
SPECIFIC GRAVITY (AEROSOL).....	0.67-0.71.

Section 10: STABILITY AND REACTIVITY

HAZARDOUS PRODUCTS OF DECOMPOSITION.....	HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
CHEMICAL STABILITY:	
YES.....	UNDER NORMAL CONDITIONS.
NO, WHICH CONDITIONS?.....	NOT APPLICABLE.
COMPATIBILITY WITH OTHER SUBSTANCES:	
NO, WHICH ONES?.....	STRONG OXIDIZING AGENTS.
REACTIVITY CONDITIONS?.....	NOT APPLICABLE.

PRODUCT: 011-159 LANZA KER HEALING OIL HAIR SPRAY 10.6OZ**Section 11: TOXICOLOGICAL INFORMATION**

REPRODUCTIVE EFFECTS..... NO INFORMATION IS AVAILABLE AND NO ADVERSE REPRODUCTIVE EFFECTS ARE ANTICIPATED.

IRRITANCY OF MATERIAL..... SKIN/EYE IRRITANT.

SENSITIZING CAPABILITY OF MATERIAL..... UNKNOWN.

CARCINOGENICITY OF MATERIAL..... THE INGREDIENTS OF THIS PRODUCT ARE NOT LISTED AS CARCINOGENS BY NTP, (NATIONAL TOXICOLOGY PROGRAM), NOT REGULATED AS CARCINOGENS BY OSHA, (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION), AND HAVE NOT BEEN EVALUATED BY IARC, (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER), NOR BY ACGIH, (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS).

TERATOGENICITY..... NO INFORMATION IS AVAILABLE AND NO ADVERSE TERATOGENIC EFFECTS ARE ANTICIPATED.

MUTAGENICITY..... NO INFORMATION IS AVAILABLE AND NO ADVERSE MUTAGENIC EFFECTS ARE ANTICIPATED.

Section 12: ECOLOGICAL CONSIDERATIONS

ENVIRONMENTAL..... NOT AVAILABLE.

Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... DO NOT PUNCTURE OR INCINERATE CONTAINERS, EVEN WHEN EMPTY. DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

Section 14: TRANSPORTATION INFORMATION

T.D.G. CLASSIFICATION..... CONSUMER COMMODITY (AEROSOLS, UN1950, CLASS 2.1).

D.O.T. CLASSIFICATION..... CONSUMER COMMODITY, ORM-D.

IATA Shipping Description..... UN1950, Aerosols, Flammable, 2.1.

IMDG/IMO:
Classification..... CONSUMER COMMODITY/LIMITED QUANTITY.

Proper Shipping Name..... AEROSOLS, FLAMMABLE.

UN Class..... 2.1.

UN Number..... 1950.

Packing Group..... N/A.

Marine Pollutant..... NO.

Section 15: REGULATORY INFORMATION**CANADIAN REGULATIONS:**

WHMIS CLASSIFICATION..... A,B5,D2B.
LEVEL 3.

CNFC SECTION 3.3.5.....

CEPA (Canadian Environmental Protection Act)..... ALL SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.

U.S. REGULATIONS:

HMIS RATING HEALTH..... 1 SLIGHT HAZARD.

HMIS RATING FLAMMABILITY..... 4 SEVERE HAZARD.

HMIS RATING REACTIVITY..... 1 SLIGHT HAZARD.

HMIS RATING PERSONAL PROTECTION..... B.

NFPA CODE 30B..... LEVEL 3.

CALIFORNIA PROPOSITION 65:..... THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986:
WARNING: THIS PRODUCT DOES NOT INTENTIONALLY CONTAIN ANY CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

SARA 313 INFORMATION:..... CHEMICAL NAME: N/A.
THIS PRODUCT CONTAINS NO INGREDIENTS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372.
. CAS #: CHEMICAL

TSCA (Toxic Substances Control Act)..... NAME: N/A.
ALL COMPONENT OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. ANY IMPURITIES PRESENT IN THIS PRODUCT ARE EXEMPT FROM LISTING.

VOC (w/w%)..... 78-80.

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Section 16: OTHER INFORMATION

NOTICE FROM ASSURED PACKAGING INC THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS PROVIDED BY ASSURED PACKAGING INC. FREE OF CHARGE. WHILE BELIEVED TO BE RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK. ASSURED PACKAGING INC. ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING OR DAMAGES INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS.

PREPARED BY..... Regulatory Affairs
PREPARATION DATE Apr30/13