

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT

MSDS DATE: 04/01/11

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 780 Z-Aire™ Cartridge-Orchard Zing
PRODUCT CODES:
MANUFACTURER: Impact Products, LLC
ADDRESS: 2840 Centennial Road, Toledo, OH 43617

EMERGENCY PHONE: 1-877-697-7276
CHEMTREC PHONE:
CHEMICAL NAME:
CHEMICAL FAMILY:
CHEMICAL FORMULA:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical identification: Fragrance composition: multi-component mixture of natural and synthetic aromatic materials.
CAS number: Not applicable, product is a mixture.
EINECS number: Note applicable, product is a mixture.

| <u>INGREDIENT:</u> | <u>CAS NO./EINECS</u> | <u>Hazard Symbols</u> | <u>Conc%</u> | <u>TLV/TWA</u> | <u>PEL</u> |
|---------------------------------|-----------------------|------------------------|--------------|----------------|------------|
| (S) 6-octen01-01, 3, 7-dimethyl | 106-22-9/203-375-0 | Xi-N; R 38-43-51/53 | 0.1-1 | NAD | NAD |
| Allyl Hexanoate | 123-68-2/204-642-4 | Xn-N; R 21/22-38-51/53 | 1-5 | NAD | NAD |
| Benzaldehyde | 100-52-7/202-860-4 | Xn; R 22 | 5-25 | NAD | NAD |
| CAMPHOR POWDER SYNTHETIC | 76-22-2/200-945-0 | Xn; R 20-68/22 | 1-5 | NAD | NAD |
| Cinnamaldehyde | 104-55-2/- | Xn; R 21-38-43 | 0.1-1 | NAD | NAD |
| Gamma-Undecalactone | 104-67-6/20-225-4 | N; R 51/53 | 1-5 | NAD | NAD |
| (L) ISO PAR 'M' | 64742-47-8/265-149-8 | Xn; R 65-66 | 25-50 | NAD | NAD |
| Propane-2-one | 67-64-1/200-662-2 | F-Xi; R 11-36-66-67 | 5-25 | NAD | NAD |

SECTION 3: HAZARDS IDENTIFICATION

Physical state: Solid containing flammable liquid.
General: When not properly handled, can be irritating to the skin and eyes and upon inhalation. Combustible material that can sustain a fire.
Risk phrases: R10, Flammable.
R22, harmful if swallowed.
R65, May cause drowsiness and dizziness.
R52/53, Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CARCINOGENICITY

OSHA: NAD ACGIH: NAD NTP: NAD IARC: NAD

CSCA STATUS:

SECTION 4: FIRST AID MEASURES

EYES: Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
SKIN: Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.
INGESTION: Rinse mouth with water and obtain medical attention.
INHALATION: Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
OTHER: Take Risk and Safety phrases (section 15) into consideration.

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SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS:

FLASH POINT: 23 degC (CC)

METHOD USED: NAD

HAZARD CLASSIFICATION: HEALTH: NAD FLAMMABILITY: NAD REACTIVITY: NAD

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam. Do not use a direct water-jet on burning material

SPECIAL FIRE FIGHTING PROCEDURES: NAD

UNUSUAL FIRE AND EXPLOSION HAZARDS: NAD

HAZARDOUS DECOMPOSITION PRODUCTS: NAD

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

PERSONAL: Avoid inhalation and contact with skin and eyes.

Spillage: Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillage should be contained immediately by use of sand or inert powder and disposed of according to local regulations.

Environmental

Precautions: Keep away from drains, surface and ground water, and soil.

SECTION 7: HANDLING AND STORAGE

HANDLING: Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

STORAGE: Store in cool, dry and ventilated area away from heat sources and protected from light in tightly closed original containers. Avoid plastic and uncoated metal containers. Keep air contact to a minimum.

FIRE PROTECTION: Keep away from ignition sources, and naked flame.

OTHER PRECAUTIONS:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION:

RESPIRATORY PROTECTION: Avoid excessive inhalation of concentrated vapors.

EYE PROTECTION: Wear safety glasses.

SKIN PROTECTION: Avoid skin contact. Use chemically resistant gloves as needed.

OTHER PROTECTIVE CLOTHING/EQUIPMENT:

WORK HYGIENIC PRACTICES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/ODOR: yellow

BOILING POINT: Not determined.

MELTING POINT: Not determined.

VAPOR PRESSURE (mmHg): Not determined.

VAPOR DENSITY (AIR = 1):

SPECIAL GRAVITY (H₂O = 1):

EVAPORATION RATE:

SOLUBILITY IN WATER: Insoluble

PERCENT VOLATILE:

VISCOSITY:

FLASH POINT: 23 degC (CC)

SOLUBILITY IN WATER: Insoluble.

EXPLOSIVE PROPERTY: None expected

OXIDISING PROPERTY: None expected

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SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

Conc % Limits (*): XnR22=91.36% Xnr65=28.57% R52/53=65.62% R67=100.00%
IFRACLS01=0.000% IFRACLS02=3.883% IFRACLS03.A=17.476%
IFRACLS03.B=17.476% IFRACLS03.C=17.476%
IFRACLS03.D=17.476% IFRACLS04.A=58.252%
IFRACLS04.B=58.252% IFRACLS04.C=58.252%
IFRACLS04.D=58.252% IFRACLS05=19.417%
IFRACLS06=0.000% IFRACLS07.A=7.767%
IFRACLS07.B=7.767% IFRACLS08=100.000%
IFRACLS09.A=100.000% IFRACLS09.B=100.000%
IFRACLS09.C=100.000% IFRACLS10.A=100.000%
IFRACLS10.B=100.000% IFRALCS11.A=100.000%
IFRACLS11.B=100.000%

Maximum usage limited by IFRA

(*) These are the maximum percent concentrations that this material can be used in a non-hazardous product without the indicated risk being applicable to that product.

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