

SAFETY DATA SHEET

NnZ Epoleon Odor Neutralizer – Fragrance Free



Section 1. Identification

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| GHS product identifier | : NnZ Epoleon Odor Neutralizer – Fragrance Free |
| Trade name | : ODOR NEUTRALIZER, FRAGRANCE FREE |
| Other means of identification | : Not available. |
| Relevant identified uses of the substance or mixture and uses advised against | : Not available. |
| Supplier's details | : J&R Business Enterprises Inc. 124 Woodmill Drive, East Windsor, NJ 08512 USA Tel: 609.218.0688 or 609.947.0129 Fax: 1-609-860-2921 Email contact: sales@jnrbei.com |
| Emergency telephone number (with hours of operation) | : 800-698-6367 (24/7) |

Section 2. Hazards identification

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|---|--|
| OSHA/HCS status | : While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product. |
| Classification of the substance or mixture | : Not classified. |
| GHS label elements | |
| Signal word | : No Signal word. |
| Hazard statements | : No known significant effects or critical hazards. |
| Precautionary statements | |
| Prevention | : Not applicable. |
| Response | : Not applicable. |
| Storage | : Not applicable. |
| Disposal | : Not applicable. |
| Hazards not otherwise classified | : None known. |



Section 3. Composition/information on ingredients

| | |
|--|-------------------|
| Substance/mixture | : Mixture |
| Other means of identification | : Not available. |
| <u>CAS number/other identifiers</u> | |
| CAS number | : Not applicable. |
| Product code | : NnZ |

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

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|---------------------|---|
| Eye contact | : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. |
| Inhalation | : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| Skin contact | : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| Ingestion | : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |

Most important symptoms/effects, acute and delayed

Potential acute health effects

| | |
|---------------------|---|
| Eye contact | : No known significant effects or critical hazards. |
| Inhalation | : No known significant effects or critical hazards. |
| Skin contact | : No known significant effects or critical hazards. |
| Ingestion | : No known significant effects or critical hazards. |

Over-exposure signs/symptoms

| | |
|---------------------|---|
| Eye contact | : No known significant effects or critical hazards. |
| Inhalation | : No known significant effects or critical hazards. |
| Skin contact | : No known significant effects or critical hazards. |
| Ingestion | : No known significant effects or critical hazards. |

Indication of immediate medical attention and special treatment needed, if necessary

| | |
|-----------------------------------|--|
| Notes to physician | : None. |
| Specific treatments | : No specific treatment. |
| Protection of first-aiders | : No action shall be taken involving any personal risk or without suitable training. |

See toxicological information (Section 11)



Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing : None known.

Specific hazards arising from the chemical : No specific fire or explosion hazard.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
phosphorus oxides
metal oxide/oxides

Special protective actions for fire-fighters : No special protection is required.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : Put on appropriate personal protective equipment.

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Spill : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional



Conditions for safe storage, including any incompatibilities

information on hygiene measures.
 : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

: None

Appropriate engineering controls

: No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Skin protection

Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.



Section 9. Physical and Chemical properties

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| Appearance | |
| Physical state | : Liquid |
| Appearance | : Transparent, Clear to Light Yellow |
| Odor | : No Fragrance |
| Odor threshold | : Not available. |
| pH | : 5.5 to 7.0 |
| Melting point | : Not applicable. |
| Boiling point | : 100°C (212°F) |
| Flash point | : Not applicable. |
| Burning time | : Not applicable. |
| Burning rate | : Not applicable. |
| Evaporation rate | : Not applicable. |
| Flammability (solid, gas) | : Not applicable. |
| Lower and upper explosive (flammable) limits | : Not applicable. |
| Vapor pressure | : Not applicable. |
| Vapor density | : Not applicable. |
| Relative density | : 1.02 to 1.06 |
| Solubility | : Miscible in water. |
| Partition coefficient: n-octanol/water | : Not available. |
| Auto-ignition temperature | : Product is not self igniting. |
| Decomposition temperature | : Not available. |
| SADT | : Not available. |
| Viscosity | : Not available. |

Section 10. Stability and reactivity

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| Reactivity | : No specific test data related to reactivity available for this product or its ingredients. |
| Chemical stability | : The product is stable. |
| Possibility of hazardous reactions | : Under normal conditions of storage and use, hazardous reactions will not occur. |
| Conditions to avoid | : No specific data. |
| Incompatible materials | : Reactive or incompatible with the following materials: oxidizing materials, reducing materials and acids. |
| Hazardous decomposition products | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. |



Section 11. Toxicological information

Information on toxicological effects

| | |
|--|-------------------------------|
| Acute toxicity | : There is no data available. |
| Irritation/Corrosion | : There is no data available. |
| Sensitization | : There is no data available. |
| Mutagenicity | : There is no data available. |
| Carcinogenicity | : There is no data available. |
| Reproductive toxicity | : There is no data available. |
| Teratogenicity | : There is no data available. |
| Specific target organ toxicity (single exposure) | : There is no data available. |
| Specific target organ toxicity (repeated exposure) | : There is no data available. |
| Aspiration hazard | : There is no data available. |

Information on the likely routes of exposure : Routes of entry anticipated: Oral, Dermal, Inhalation.

Potential acute health effects

| | |
|--------------|---|
| Eye contact | : No known significant effects or critical hazards. |
| Inhalation | : No known significant effects or critical hazards. |
| Skin contact | : No known significant effects or critical hazards. |
| Ingestion | : No known significant effects or critical hazards. |

Symptoms related to the physical, chemical and toxicological characteristics

| | |
|--------------|---|
| Eye contact | : No known significant effects or critical hazards. |
| Inhalation | : No known significant effects or critical hazards. |
| Skin contact | : No known significant effects or critical hazards. |
| Ingestion | : No known significant effects or critical hazards. |

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

| | |
|-----------------------------|---|
| Potential immediate effects | : No known significant effects or critical hazards. |
| Potential delayed effects | : No known significant effects or critical hazards. |

Long term exposure

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|-----------------------------|---|
| Potential immediate effects | : No known significant effects or critical hazards. |
| Potential delayed effects | : No known significant effects or critical hazards. |

Potential chronic health effects

| | |
|-----------------------|---|
| General | : No known significant effects or critical hazards. |
| Carcinogenicity | : No known significant effects or critical hazards. |
| Mutagenicity | : No known significant effects or critical hazards. |
| Teratogenicity | : No known significant effects or critical hazards. |
| Developmental effects | : No known significant effects or critical hazards. |
| Fertility effects | : No known significant effects or critical hazards. |

Numerical measures of toxicity

Acute toxicity estimates : There is no data available.



Section 12. Ecological information

Toxicity : There is no data available.

Persistence and degradability : There is no data available.

Bioaccumulative potential : There is no data available.

Mobility in soil

Soil/water partition coefficient (Koc) : There is no data available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

| | DOT Classification | IMDG | IATA |
|----------------------------|---------------------------|----------------|----------------|
| UN number | Not regulated. | Not regulated. | Not regulated. |
| UN proper shipping name | - | - | - |
| Transport hazard class(es) | - | - | - |
| Packing group | - | - | - |
| Environmental hazards | No | No | No |
| Additional information | - | - | - |

Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not available.



Section 15. Regulatory information

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| <u>U.S. Federal regulations</u> | : TSCA 8(a) CDR Exempt/Partial exemption: Not determined United States inventory (TSCA 8b) : All components are listed or exempted. : There is no data available. |
| Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) | : Not listed. |
| Clean Air Act Section 602 Class I Substances | : Not listed. |
| Clean Air Act Section 602 Class II Substances | : Not listed. |
| DEA List I Chemicals (Precursor Chemicals) | : Not listed |
| DEA List II Chemicals (Essential Chemicals) | : Not listed |
| <u>SARA 302/304</u> | |
| Composition/information on ingredients | : No products were found. |
| SARA 304 RQ | : Not applicable. |
| <u>SARA 311/312</u> | |
| Classification | : Not applicable. |
| Composition/information on ingredients | : No products were found. |
| <u>State regulations</u> | |
| Massachusetts | : None of the components are listed. |
| New York | : None of the components are listed. |
| New Jersey | : None of the components are listed. |
| Pennsylvania | : None of the components are listed. |
| California Prop. 65 | : No products were found. |
| Canada inventory | : All components are listed or exempted. |
| <u>International regulations</u> | |
| <u>International lists</u> | : Australia inventory (AICS) : All components are listed or exempted. China inventory (IECSC) : All components are listed or exempted. Japan inventory: All components are listed or exempted. Korea inventory: Not determined. Malaysia Inventory (EHS Register) : Not determined. New Zealand Inventory of Chemicals (NZIoC) : All components are listed or exempted. Philippines inventory (PICCS) : All components are listed or exempted. Taiwan inventory (CSNN) : Not determined. |
| Chemical Weapons Convention List Schedule I Chemicals | : Not listed |
| Chemical Weapons Convention List Schedule II Chemicals | : Not listed |
| Chemical Weapons Convention List Schedule I Chemicals | : Not listed |



Section 16. Other information

History

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| Date of issue mm/dd/yyyy | : 07/15/2015 |
| Version | : 1 |
| Revised Section(s) | : Not applicable.. |
| Prepared by | : J&R Business Enterprises Inc. |
| Key to abbreviations | : ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations |

Notice to reader

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