

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

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|---------------------------|--------------------------------|--------------------------------|--|
| COMPANY NAME: | AMERICAN INDUSTRIES, INC. | PRODUCT NAME: | OZENE |
| ADDRESS LINE 1: | 4300 Kahn Drive, Box 1405 | PRODUCT CODE: | 1639 |
| ADDRESS LINE 2: | Lumberton, NC 28359-1405 USA | PRODUCT USE: | Precision Cleaner |
| TELEPHONE NUMBERS: | 800-753-5153 (or) 910-738-7224 | SDS FILE ID: | 1639.06 |
| EMERGENCY PHONE: | CHEMTREC 1-800-424-9300 | SDS DATE: | 2017-08-10 |
| | | REPLACES VERSION DATED: | 2015-03-06 <i>and all prior versions</i> |

SECTION 2: HAZARDS IDENTIFICATION

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|----------------|--|-------------|
| Classification | Liquified Gas | |
| | Skin Irritant | Category 2 |
| | Eye Irritant | Category 2A |
| | Specific Target Organ Toxicity (Single Exposure) | Category 3 |
| | Aspiration Hazard | Category 1 |
| | Reproductive Toxicity | Category 2 |
| | Specific Target Organ Toxicity (Repeated Exposure) | Category 2 |

Label elements



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| Signal word | Danger |
| Hazard statement: | Contains gas under pressure; may explode if heated. Causes skin and serious eye irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. Suspected of damaging fertility or the unborn child. May cause damage to Central nervous system through prolonged or repeated exposure. This product contains the following percentage of chemicals of unknown toxicity: 0% |
| Precautionary statement | Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear protective gloves and eye protection. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. If exposed or concerned: Get medical advice or attention. Do not breathe fumes, mist, vapors, and spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations. |
| Hazard(s) not otherwise classified (HNOC) | N/A |

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Chemical name</u> | <u>CAS number</u> | <u>%</u> |
|---------------------------------------|-------------------|----------|
| Trans-1,2-dichloroethylene | 156-60-5 | 15-40 |
| 1,1,1,2,2,3,4,5,5,5-Decafluoropentane | 1389495-42-8 | 10-30 |
| 1,1,1,2-Tetrafluoroethane | 811-97-2 | 15-40 |
| Ethyl Alcohol | 64-17-5 | 5-10 |
| Hexane | 110-54-3 | 5-10 |

SECTION 4: FIRST AID MEASURES

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| Inhalation | Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor/physician if you feel unwell. |
| Skin contact | Wash with plenty of water. If skin irritation occurs: get medical attention. |
| Eye contact | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention. |
| Ingestion | Immediately call a poison center or doctor. Do NOT induce vomiting |
| Acute Health Hazards | Inhalation: dizziness, drowsiness, weakness, and fatigue Eye: stinging, tearing, redness Oral: Aspiration risk Skin: Drying and localized defatting |
| Chronic Health Hazards | Target Organs: Excessive exposure to n-hexane can result in peripheral neuropathies. The initial symptoms are symmetrical sensory numbness and paresthesias of distal portions of the extremities. Motor weakness is typically observed in muscles of the toes and fingers but may also involve muscles of the arms, thighs and forearms. The onset of these symptoms may be delayed for several months to a year after the beginning of exposure. The neurotoxic properties of n-hexane are potentiated by exposure to methyl ethyl ketone and methyl isobutyl ketone. Reproductive: Prolonged exposure to high concentrations of n-hexane (>1,000 ppm) has resulted in decreased sperm count and degenerative changes in the testes of rats but not those of mice. |
| Note To Physician | If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately. |

SECTION 5: FIRE-FIGHTING MEASURES

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| Suitable extinguishing media | Dry chemical, carbon dioxide , and foam. |
| Unsuitable extinguishing media | Water spray/stream. |
| Special Fire Fighting Procedures | Wear NIOSH approved self-contained breathing apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. |
| Unusual Fire And Explosion Hazards | Keep away from heat/sparks/open flames/hot surfaces. No smoking. |
| Hazardous Combustion Products | Oxides of carbon and hydrogen halides. |

SECTION 6: ACCIDENTAL RELEASE MEASURES

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| Personal protective equipment | Refer to section 8 for proper Personal Protective Equipment. |
| Spill | Absorb with non-combustible material like vermiculite, sand or earth. Place waste in proper containers for waste disposal. |
| Waste Disposal | Dispose of in accordance with federal, state, and local regulations. |
| RCRA Status | Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261). |

SECTION 7: HANDLING AND STORAGE

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| Precautions for safe handling | Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Store locked up. |
| Other Precautions | Keep out of the reach of children. |
| Incompatibility | Strong alkalis, strong oxidizing agents, some plastics, rubber. |

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

| <u>Components</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> |
|--|-----------------|------------------|
| Trans-1,2-dichloroethylene (CAS 156-60-5) | 200 ppm | 200 ppm |
| 1,1,1,2,2,3,4,5,5,5- Decafluoropentane (CAS-138495-42-8) | Not Established | Not Established |
| 1,1,1,2-Tetrafluoroethane (CAS 811-97-2) | Not Established | Not Established |

| | | |
|----------------------------------|---|----------|
| Ethyl Alcohol (CAS 64-17-5) | 1000 ppm | 1000 ppm |
| Hexane (CAS 110-54-3) | 500 ppm | 500 ppm |
| Engineering Controls/Ventilation | Use only outdoors or in a well-ventilated area. | |
| Respiratory Protection | Wear NIOSH/MSHA approved organic vapor respiratory protection if listed exposure limits (section 8) are exceeded. | |
| Personal Protective Equipment | Safety glasses and chemical resistant gloves. | |
| Additional Measures | Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse. | |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | | |
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| Appearance | Clear, Colorless Spray | |
| Odor | solvent | |
| Odor Threshold | N/D | |
| Boiling Point | N/D | |
| Freezing Point | N/D | |
| Flammability | Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29CFR 1910.1200) | |
| Flash point | N/D | |
| Autoignition Temperature | N/D | |
| Upper/lower flammability limits | Lower: N/D | Upper: N/D |
| Vapor Pressure (mm Hg) | 261 mm Hg @ 25°C (77°F) | |
| Vapor density (Air=1) | 3.7 (Air = 1) | |
| Evaporation Rate | >3 Fast | |
| Specific Gravity (H2O=1) | 1.25 @ 25°C (77°F) | |
| pH | N/A | |
| Solids (%) | N/D | |
| Solubility in Water | Non-soluble | |
| Partition Coefficient n-Octanol/Water (Kow) | N/D | |
| Volatility Including Water (%) | 100% | |
| Volatile Organic Compounds (VOC) | 15% | |
| Dielectric Strength (Volts) | N/D | |
| Decomposition Temperature | N/A | |
| Viscosity | N/D | |

SECTION 10: STABILITY AND REACTIVITY

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| Reactivity | If exposed to strong oxidizers, presents explosion hazard. |
| Chemical Stability | Stable. |
| Possible Hazardous Reactions | None Known. |
| Conditions To Avoid | Excessive heat. |
| Incompatibility | Strong alkalis, strong oxidizing agents, some plastics, rubber. |
| Hazardous Decomposition Or By-Product | Oxides of Carbon and Hydrogen Halides |

SECTION 11: TOXICOLOGICAL INFORMATION

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|---------------------------|-----------------------------------|
| Toxicological Information | Not Established. |
| Routes of Entry | Eyes, Ingestion, Inhalation, Skin |

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| Ingestion | Causes gastrointestinal irritation, nausea, diarrhea, absorption through gastrointestinal tract may produce symptoms of central nervous system depression ranging from light headedness to unconsciousness. |
| Inhalation | Causes dizziness, headaches, nausea, central nervous system depression, excessive or prolonged exposure may cause unconsciousness. |
| Skin contact | Causes irritation, redness, burning. |
| Eye contact | Causes irritation, redness, tearing. |
| Medical Condition Aggravated | Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure. |
| Acute Health Hazards | Inhalation: dizziness, drowsiness, weakness, and fatigue Eyes: stinging, tearing, redness. Oral: Aspiration risk. Skin: Drying and localized defatting. |
| Chronic Health Hazards | Target Organs: Excessive exposure to n-hexane can result in peripheral neuropathies. The initial symptoms are symmetrical sensory numbness and paresthesias of distal portions of the extremities. Motor weakness is typically observed in muscles of the toes and fingers but may also involve muscles of the arms, thighs and forearms. The onset of these symptoms may be delayed for several months to a year after the beginning of exposure. The neurotoxic properties of n-hexane are potentiated by exposure to methyl ethyl ketone and methyl isobutyl ketone. Reproductive: Prolonged exposure to high concentrations of n-hexane (>1,000 ppm) has resulted in decreased sperm count and degenerative changes in the testes of rats but not those of mice. |
| Carcinogenicity | OSHA: No ACGIH: No NTP: No IARC: No OTHER: No |

SECTION 12: ECOLOGICAL INFORMATION

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|--------------------------|--|
| Ecological Information | Not established. |
| Biodegradability | Component or components of this product are not biodegradable. |
| Bioaccumulation | This product is not expected to bioaccumulate. |
| Mobility In Soil | This product is mobile in soil |
| Other Ecological Hazards | This material is toxic to aquatic life. |

SECTION 13: DISPOSAL CONSIDERATIONS

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|----------------|---|
| Waste Disposal | Dispose of in accordance with federal, state, and local regulations. |
| RCRA Status | Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261). |

SECTION 14: TRANSPORT INFORMATION

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|-----------------------|---------------------|
| DOT | |
| UN number | UN1950 |
| UN proper shipping | Aerosols, Ltd. Qty. |
| Hazard/class division | 2.2 |
| Packing group | N/A |

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

SECTION 15: REGULATORY INFORMATION

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| TSCA Status | All chemicals are listed or exempt. |
| CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT) | None |
| Sara 311/312 Hazard Categories | None |

Sara 313 Reportable
Ingredients

n-Hexane CAS# 110-54-3

State Regulations

California Proposition 65: None

SECTION 16: OTHER INFORMATION

Hazardous Materials Identification System (HMIS)

| HMIS-RATING: | |
|-----------------|---|
| HEALTH | 1 |
| FLAMMABILITY | 1 |
| PHYSICAL HAZARD | 0 |

Important Note: *To be the best of our knowledge, the information contained herein is accurate. However there is no assumption of liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Since the conditions of handling, storage and disposal of this product are beyond the control of the manufacturer/supplier, the manufacturer/supplier will not be responsible for loss, injury, or expense arising out of the products improper use. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.*

End of SDS