

Air Intake Cleaner

SECTION 1 - IDENTIFICATION

Product Identifier

Product Number(s) 211415
Product Name Air Intake Cleaner

Other Means of Identification None

Recommended Use and Restrictions on Use

Recommended Use Cleans delicate components in fuel injection air intake systems.
Restrictions on Use None Identified

24 hr Emergency
Phone Number

800-255-3924
(Chem-Tel)

| MANUFACTURER DETAILS | | SUPPLIER DETAILS | |
|----------------------|--|------------------|---|
| Name | | Name | Sosmetal Products Inc. |
| Address | | Address | 2945 East Tioga Street Philadelphia PA 19134 |
| Phone Number | | Phone Number | 215-739-6200 |
| Fax Number | | Fax Number | 215-423-1443 |

SECTION 2 - IDENTIFICATION

Hazard Classification

| HEALTH HAZARDS | | | | PHYSICAL HAZARDS | | | |
|-----------------------|---|----------------------|----|---|---|------------------------|----------------------|
| Acute Tox. Oral | 4 | Mutagenicity | | Unstable Explosive | | Refrigerated Liq. Gas | Pyrophoric Solid |
| Acute Tox. Skin | | Carcinogenicity | 1B | Explosive | | Flammable Liquid | Emits Flammable Gas |
| Acute Tox. Inhalation | | Tox. to Reproduction | 2 | Flammable Gas | | Flammable Solid | Oxidizing Liquid |
| Skin Irritation | 2 | STOT SE | 1 | Aerosol | 1 | Self-Reactive Sub. | Oxidizing Solid |
| Eye Irritation | 2 | STOT RE | 2 | Oxidizing Gas | | Pyrophoric Liquid | Organic Peroxide |
| Resp. Sensitization | | Aspiration Hazard | 1 | Gas Under Pressure | X | Self-Heating Substance | Corrosive to Metal |
| Skin Sensitization | | | | ENVIRONMENTAL HAZARDS (GHS Rev 3 Only) | | | |
| | | | | Aquatic Acute | | Aquatic Chronic | 2 Ozone Depleting |

Signal Word

Danger

Hazard Pictograms



Hazard Statements

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Harmful if swallowed. May be fatal if swallowed and enters airways. Causes skin and serious eye irritation. May cause cancer. May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

Precautionary Statements

General Keep out of reach of children.

Prevention Obtain special instructions before use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.



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| | |
|---|---|
| Response | <i>IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it 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 advice/attention. IF exposed or concerned: Get medical advice/attention. Collect spillage.</i> |
| Storage | <i>Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.</i> |
| Disposal | <i>Dispose of contents/container in accordance with local regulations.</i> |
| Hazards Not Otherwise Classified | <i>None identified.</i> |
| Unknown Acute Toxicity | <i>0.2 % by wt</i> |

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

| ID | INGREDIENT | CAS NUMBER | % WT RANGE* |
|----|----------------------------------|--------------|-------------|
| 1 | Xylene | 0001330-20-7 | 15 - 40 |
| 2 | Toluene | 0000108-88-3 | 15 - 40 |
| 3 | Liquefied Petroleum Gas | 0068476-86-8 | 15 - 40 |
| 4 | Ethyl Benzene | 0000100-41-4 | 5 - 10 |
| 5 | Acetone | 0000067-64-1 | 5 - 10 |
| 6 | C9-15 Heavy Aromatic Hydrocarbon | 0064742-95-6 | 1 - 5 |
| 7 | 1,2,4-Trimethyl Benzene | 0000095-63-6 | 1 - 5 |
| 8 | Methanol | 0000067-56-1 | 0.5 - 1.5 |
| 9 | Mesitylene | 0000108-67-8 | 0.1 - 1 |
| 10 | Cumene | 0000098-82-8 | 0.1 - 1 |
| 11 | Diacetone Alcohol | 0000123-42-2 | 1 - 5 |

* Exact percentages of composition withheld as trade secret

SECTION 4 - FIRST AID MEASURES

Description of First-Aid Measures

| | |
|---------------------------------------|--|
| General | <i>If exposed or concerned seek medical advice/attention.</i> |
| Eye Contact | <i>Immediately flush with clear water for at least 15 minutes, including under the eyelids. Consult a doctor.</i> |
| Skin Contact | <i>Remove with soap and water, rinsing and repeating for 15 minutes. Use skin cream to counter any resulting dryness. Consult a physician if irritation continues. If large skin area is affected, remove contaminated clothing.</i> |
| Ingestion | <i>Do not induce vomiting! Immediately have the victim drink plenty of water. Do not give milk or digestible oils. Keep airways free. Contact a physician. Never give anything by mouth if victim is rapidly losing consciousness, unconscious, or convulsing.</i> |
| Inhalation | <i>Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist or if unconscious.</i> |
| First-Aid Responder Protection | <i>Wear adequate personal protective equipment based on the nature and severity of the emergency.</i> |

Most Important Symptoms and Effects, Both Acute and Delayed

| | |
|---------------------|---|
| Eye Contact | <i>Liquid contact may cause pain along with moderate eye irritation.</i> |
| Skin Contact | <i>Prolonged or repeated exposure may cause skin irritation. Repeated contact may cause drying or flaking of skin. May cause more severe response if confined to skin.</i> |
| Ingestion | <i>Due to being an aerosol, the product does not lend itself to ingestion. Should ingestion occur, it may cause irritation to membranes of the mouth, throat, and gastrointestinal tract resulting in vomiting and/or cramps. Aspiration of vomit into the lungs may cause inflammation, and possible chemical pneumonitis, bronchopneumonia, or pulmonary edema.</i> |
| Inhalation | <i>Prolonged or repeated overexposure is anesthetic. May cause irritation of the respiratory tract, or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion or death. Irritation of the mucous membranes, coughing, and dyspnea are also possible.</i> |

Indication of Immediate Medical Attention and Special Treatment

| | |
|--------------------------------------|----------------------------------|
| Notes to Physician | <i>Treat symptomatically.</i> |
| Specific Treatments/Antidotes | <i>No information available.</i> |



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Immediate Medical
Attention

No information available.

SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media Water, CO₂, dry chemical, or universal aqueous film forming foam

Unsuitable Extinguishing Media Water jet

Specific Hazards Arising from the Chemical or Mixture

Decomposition Products Oxides of carbon (CO, CO₂), smoke, and/or vapors

Hazards from the Product CONTENTS EXTREMELY FLAMMABLE AND UNDER PRESSURE. In a fire or if heated, a pressure increase will occur which may result in the container bursting. Vapours heavier than air may spread along the ground and travel to an ignition source.

Advice for Firefighters

Protective Actions Use water spray to cool fire exposed containers as contents may rupture violently from heat developed pressure.

Protective Equipment As with any fire wear SCBA pressure-demand, MSHA/NIOSH approved, and full protective gear.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel No action should be taken by non-emergency personnel without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill. Remove ignition sources and provide adequate ventilation only if it is safe to do so.

For Emergency Responders Use personal protection as recommended in Section 8. Observe precautions provided for non-emergency personnel.

Environmental Precautions

Precautions Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

Methods and Materials for Containment and Cleaning Up

Containment Procedures Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, released content may be contained with oil/solvent absorbent pads, socks, and/or absorbents. DO NOT use combustible material such as sawdust.

Cleanup Procedures Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, avoid breathing vapors and ventilate area well. Remove sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.

Other Information Aerosol products represent a limited hazard and will not spill or leak unless ruptured. In case of rupture contents are generally evacuated from the can rapidly. Area should be ventilated immediately and continuous ventilation provided until all fumes and vapors have been removed. Aerosol cans should never be incinerated or burned. See Section 13 for disposal.

Prohibited Materials Combustible absorbent material such as sawdust, use of equipment that may cause sparking.

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling

General Handling Precautions KEEP OUT OF THE REACH OF CHILDREN. Avoid prolonged or repeated skin contact. Avoid breathing of vapors. Do not incinerate (burn) containers. Always replace overcap when not in use. Avoid use around open flames or other sources of ignition. Exposure to heat or prolonged exposure to sun may cause can to burst. Use only with adequate ventilation, opening doors or windows to achieve cross-ventilation. Wash hands after use.

Hygiene Recommendations Do not eat, drink or smoke when using this product. Wash hands thoroughly after use. Remove contaminated clothing and protective equipment before entering eating or smoking areas.



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Conditions for Safe Storage Including Any Incompatibilities

- Storage Requirements** *Storage of individual cans should be done in an area below 50 °C (122 °F), and away from heat sources. Ensure can is in a secure place to prevent knocking over and accidental rupture. For storage of pallet quantities, compliance with NFPA 30B (Manufacture and Storage of Aerosol Products) is recommended. This product is classified as a Level 3 Aerosol.*
- Incompatibilities** *Segregate storage away from materials indicated in Section 10*

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Occupational Exposure

Limits

| ID | PEL | OSHA | | IDLH | NIOSH | | | TLV | ACGIH | | AIHA WEEL |
|----|----------|------|---------|----------|----------|---------|---------|----------|---------|---------|--------------|
| | | STEL | CEILING | | REL | STEL | CEILING | | STEL | CEILING | |
| 1 | 100 ppm | – | – | 900 ppm | 100 ppm | 150 ppm | – | 100 ppm | 150 ppm | – | – |
| 2 | 200 ppm | – | 300 ppm | 500 ppm | 100 ppm | 150 ppm | – | 50 ppm | – | – | – |
| 3 | 1000 ppm | – | – | 2000 ppm | 1000 ppm | – | – | 1000 ppm | – | – | – |
| 4 | 100 ppm | – | – | 800 ppm | 100 ppm | 125 ppm | – | 20 ppm | – | – | – |
| 5 | 1000 ppm | – | – | 2500 ppm | 250 ppm | – | – | 500 ppm | 750 ppm | – | – |
| 7 | 25 ppm | – | – | – | 25 ppm | – | – | 25 ppm | – | – | – |
| 8 | 200 ppm | – | – | 6000 ppm | 200 ppm | 250 ppm | – | 200 ppm | 250 ppm | – | – |
| 9 | 25 ppm | – | – | – | 25 ppm | – | – | 25 ppm | – | – | – |
| 10 | 50 ppm | – | – | 900 ppm | 50 ppm | – | – | 50 ppm | – | – | – |
| 11 | 50 ppm | – | – | 1800 ppm | 50 ppm | – | – | 50 ppm | – | – | – |

Biological Exposure Indices

| ID | DETERMINANT | SAMPLING TIME | BEI | NOTATION |
|----|---|---------------|--------------------|----------|
| 1 | Methylhippuric acids in urine | End of shift | 1.5 g/g creatinine | – |
| 2 | o-Cresol in urine | End of shift | 0.5 mg/L | B |
| 4 | Sum of mandelic acid and phenyl glyoxylic acid in urine | End of shift | 0.7 g/g creatinine | Ns, Sq |
| 5 | Acetone in urine | End of shift | 50 mg/L | Ns |
| 8 | Methanol in urine | End of shift | 15 mg/L | B, Ns |

Other Control Parameters *Not Available*

Appropriate Engineering Control

Engineering Measures *Use only with adequate ventilation. General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest OEL from the table above.*

Individual Protection Measures

- Hygiene Considerations** *Avoid breathing vapors and contact with the skin and eyes. Always replace overcap when not in use. Keep out the reach of children. Wash hands after use.*
- Thermal Protection** *This product does not present a thermal hazard.*
- Respiratory Protection** *An approved respirator with organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed occupational exposure limits. If respirators are needed, compliance with OSHA standard 29 CFR 1910.134 is necessary.*
- Skin Protection** *For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.*
- Eye/Face Protection** *Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.*
- Other Protective Equipment** *Safety showers and eye-wash stations should be available in the workplace near where the material will be used.*

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

| | | | |
|----------------------------|------------------------------------|---|-----------------------|
| Boiling Point | > 56.1 °C (133.0 °F) | Melting / Freezing Point | >-97.7 °C (-143.8 °F) |
| Flash Point, Liquid | > -17.0 °C (1.4 °F) | Flash Point, Propellant | -104.4 °C (-156.0 °F) |
| Explosive Limits | 0.90% - 36.00% | Autoignition Temperature, Liquid | 385.0 °C (725.0 °F) |
| Flammability | <i>Extremely Flammable Aerosol</i> | Relative Density (H2O = 1) | 0.751 g/cc |
| Molecular Weight | <i>Not Available</i> | Weight | 6.267 lbs/gal |
| Vapor Pressure | 70.00 psig | pH | <i>Not Available</i> |
| Vapor Density | 4.200 g/cc Maximum | Evaporation Rate | <i>Not Available</i> |
| Form | <i>Pressurized Product</i> | Partition Coefficient | <i>Not Available</i> |
| Viscosity | <i>Not Available</i> | Refractive Index | <i>Not Available</i> |
| Odor Threshold | <i>Not Available</i> | Heat of Combustion (Δ Hc) | <i>Not Available</i> |
| Odor | <i>Ethereal</i> | Water Solubility | <i>Not Available</i> |
| Appearance / Color | <i>Clear, colorless</i> | Decomposition Temperature | <i>Not Available</i> |

Air Quality Properties

| | | | |
|------------------------------------|------------------------|---------------------------------------|-----------------------------|
| Percent Volatile | 100% Wt (100% Vol) Max | VOC Regulatory | 6.240 lbs/gal (747.746 g/L) |
| Percent VOC | 93% Wt (94% Vol) Max | VOC Actual | 5.829 lbs/gal (698.437 g/L) |
| Percent HAP | 62% Wt (54% Vol) Max | HAP Content | 3.842 lbs/gal (460.368 g/L) |
| Solids/Non Volatile Content | <i>None</i> | Maximum Incremental Reactivity | 4.117 g O3/g |
| Global Warming Potential | 2.738 | | |

SECTION 10 - STABILITY AND REACTIVITY

| | |
|----------------------------------|--|
| Reactivity | <i>No specific test data related to reactivity is available for this product or its ingredients.</i> |
| Chemical Stability | <i>This product is stable.</i> |
| Hazardous Reactions | <i>Under normal conditions of storage and use, hazardous reactions are not expected to occur.</i> |
| Conditions to Avoid | <i>Keep away from heat, sparks, flame, and red hot metal.</i> |
| Material Incompatibility | <i>Acids, Activated Carbon, Alkali Metals, Carbon Tetrachloride, Chlorine Dioxide, Chlorosulfuric Acid, Dichlorohydrantion, Diethyl Zinc, Hexachloromelamine, Hydrogen Peroxide, Isocyanates, Isoprene, Mineral Acids, Nitric Acid, Nitrogen Tetroxide, Potassium Tert-Butoxide, Silver Perchlorate, Strong Oxidizing Agents, Strong Reducing Agents, Sulfur Dichloride, Sulfuric Acid, Tetranitromethane, Trichloromelamine, Uranium Hexafluoride</i> |
| Decomposition Productions | <i>Oxides of Carbon, Acetic Acid, Formaldehyde fumes, Hydrogen Peroxide, Methanol may be formed depending on fire conditions.</i> |

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity Estimates (mixture)

| | |
|-----------------------------------|----------------|
| Oral LD₅₀ | 1319 mg/kg |
| Dermal LD₅₀ | 7042 mg/kg |
| Inhalation LC₅₀ | 43 mg/L 4-hour |



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Acute Toxicity on Ingredients

| ID | ORAL LD50 | | DERMAL LD50 | | INHALATION LC50 | | |
|----|------------|---------|--------------|---------|-----------------|------|---------|
| | VALUE | SPECIES | VALUE | SPECIES | VALUE | TIME | SPECIES |
| 1 | 4300 mg/kg | rat | 4500 mg/kg | rabbit | 6700 mg/L | 4h | rat |
| 2 | 636 mg/kg | rat | >12000 mg/kg | rabbit | 49 mg/m3 | 4h | rat |
| 3 | - | - | - | - | 658 mg/L | 4h | rat |
| 4 | 4720 mg/kg | rat | 15500 mg/kg | rabbit | 4000 ppm | 4h | rat |
| 5 | 5800 mg/kg | rat | 20000 mg/kg | rabbit | 76 mg/m3 | 4h | rat |
| 6 | 8400 mg/kg | rat | 4000 mg/kg | rabbit | >14.4 mg/L | 6h | rat |
| 7 | 5000 mg/kg | rat | >3160 mg/kg | rabbit | 18000 mg/m3 | 4h | rat |
| 8 | 143 mg/kg | human | 17100 mg/kg | rabbit | 128.2 mg/L | 4h | rat |
| 9 | 5000 mg/kg | rat | | rabbit | 24000 mg/m3 | 4h | rat |
| 10 | 5000 mg/kg | rat | >3160 mg/kg | rabbit | 39 mg/L | 4h | rat |
| 11 | 4000 mg/kg | rat | 13485 mg/kg | rabbit | >1860 ppm | 4h | rat |

Health Hazard Classification

| | |
|---|---------------------------------|
| Skin Corrosion / Irritation | Category 2 |
| Eye Damage / Irritation | Category 2 |
| Respiratory Irritation | Classification criteria not met |
| Respiratory / Skin Sensitization | Classification criteria not met |
| Germ Cell Mutagenicity | Classification criteria not met |
| Reproductive Toxicity | Category 2 |
| STOT - Single Exposure | Category 1 |
| STOT - Repeated Exposure | Category 2 |
| Aspiration Hazard | Category 1 |

Carcinogen Data

| ID | Calif Prop-65 | OSHA | NIOSH | ACGIH | NTP | IARC |
|----|---------------|------|-------|-------|---------|------|
| 4 | Yes | - | - | A3 | - | 2B |
| 10 | Yes | - | - | - | Group 2 | - |

Information on the Likely Routes of Exposure

Routes of Exposure Skin contact, skin absorption, eye contact, inhalation

Information on Physical, Chemical and Toxicological Effects

Symptoms of Exposure Abdominal Cramps, Asphyxia, Blindness, Bronchitis, Central Nervous System Depression, Chemical Pneumonitis, Coma, Confusion, Dermatitis, Dizziness, Drowsiness, Excitation, Skin Irritation, Staggering Gait, Throat Irritation, Upper Respiratory System Irritation, Visual Disturbance, Vomiting

Delayed and Immediate Effects and also Chronic Effects from Short and Long-Term Exposure

Delayed Effects No known delayed effects.

Immediate Effects No known immediate effects.

Chronic Effects Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage (sometimes referred to as "Solvent or Painter's Syndrome"). Intentional misuse by concentrating and inhaling this product may be harmful or fatal. Reports of chronic poisoning from Toluene describe anemia, decreased blood cell count and bone marrow hypoplasia., Liver and kidney damage may occur. Exposure may affect a developing fetus.

Medical Conditions Aggravated May aggravate personnel with pre-existing disorders associated with any of the Target Organs.

Target Organs Bladder, Blood, Cardiovascular System, Central Nervous System, Eyes, Gastrointestinal Tract, Kidneys, Liver, Respiratory System, Skin



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SECTION 12 - ECOLOGICAL INFORMATION

Acute Aquatic Toxicity

| ID | TYPE | FISH | | TYPE | INVERTEBRATES | | TYPE | AQUATIC PLANTS | | TYPE | MICROORGANISMS | |
|----|------|------------|--------|------|---------------|--------|------|----------------|--------|------|----------------|--------|
| | | VALUE | PERIOD | | VALUE | PERIOD | | VALUE | PERIOD | | VALUE | PERIOD |
| 1 | LC50 | 26.7 mg/L | 96h | LC50 | 14 mg/L | 24h | - | - | - | - | - | - |
| 2 | LC50 | 13 mg/L | 96h | EC50 | 11.5 mg/L | 48h | ECO | >250 mg/L | 24h | ECO | 29 mg/L | 16h |
| 4 | LC50 | 97.1 mg/L | 96h | LC50 | 77 mg/L | 24h | EC50 | 63 mg/L | 3h | EC50 | 130 mg/L | 48h |
| 5 | LC50 | 5549 mg/L | 96h | EC50 | 6100 mg/L | 48h | ICS | 530 mg/L | 8f | EC5 | 17000 mg/L | 16h |
| 6 | LC50 | 320 mg/L | 48h | EC50 | 170 mg/L | 24h | EC50 | 56 mg/L | 72h | - | - | - |
| 7 | LC50 | 9.22 mg/L | 96h | EC50 | 6.14 mg/L | 48h | - | - | - | - | - | - |
| 8 | LC50 | 15400 mg/L | 96h | EC50 | >10000 mg/L | 48h | EC50 | 22000 mg/L | 96h | EC5 | 6600 mg/L | 16h |
| 9 | LC50 | 12.5 mg/L | 96h | EC50 | 6 mg/L | 48h | - | - | - | - | - | - |
| 10 | LC50 | 4.7 mg/L | 96h | EC50 | 13.7 mg/L | 24h | EC50 | 26 mg/L | 72h | EC10 | 211 mg/L | 24h |
| 11 | LC50 | 420 mg/L | 96h | EC50 | 9000 mg/L | 24h | - | - | - | - | - | - |

Ecological Data

| ID | PERSISTENCE AND DEGRADABILITY | | | | BIOACCUMULATIVE POTENTIAL | | MOBILITY Koc |
|----|-------------------------------|----------------|-----------|-----------|---------------------------|----------------|-----------------|
| | PERSISTENCE | BOD | COD | ThOD | Pow / Kow | BCF | |
| 1 | - | 0.64 mg/L | - | 2410 mg/g | 3.271 log Pow | 2.2557 log BCF | 3.156 log Koc |
| 2 | 86% / 20 days | 2.15 mg/g | 2.52 mg/g | 3.13 mg/g | 2.65 Pow | 1.57 log BCF | 2.15 log Koc |
| 4 | - | 1780 mg/g | - | 3170 mg/g | 3.15 log Pow | 1.18 log BCF | 2.4 log Koc |
| 5 | 90.9% / 28 days | 1.85 mg/g / 5d | 1.92 mg/L | 2.21 mg/L | -0.24 log Pow | 0.69 BCF | 1.26 log Koc |
| 6 | - | 190 mg/L | 440 mg/g | - | 2.1 log pow | - | - |
| 7 | - | - | - | - | 3.714 log Pow | 2.12 log BCF | 3.4 log Koc |
| 8 | 88.7% / 5 days | 850 mg/g | 1500 mg/g | 1500 mg/g | -77 log Pow | 0.48 log BCF | 0.44 log Koc |
| 9 | - | - | - | - | 3.83 log Pow | 2.68 log BCF | 3.46 log Koc |
| 10 | - | - | - | - | 3.66 log Pow | 2.49 log BCF | 3.33 log Koc |
| 11 | 100% / 14 days | - | - | - | -0.34 log Kow | 0.5 log BCF | - |

Other Adverse Effects

No additional information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal

Characteristics and waste stream classification can change with product use and location. It is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste must be disposed of in compliance with the respective national, federal, state, and/or local regulations.

Waste Disposal of Packaging

An aerosol container that does not contain a significant amount of liquid would meet the definition of scrap metal (40 CFR 261.1(c)(6)), and would be exempt from RCRA regulation under 40 CFR 261.6(a)(3)(iv) if it is to be recycled. If containers are to be disposed of (not recycled) it must be managed under all applicable RCRA and state regulations.

Landfill Precautions

Not available

Incineration Precautions

**** DO NOT INCINERATE ** CONTENTS UNDER PRESSURE ****

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SECTION 14 - TRANSPORTATION INFORMATION

Transportation Information

UN Number
Proper Shipping Name
Hazard Class(es)
Packaging Group
Marine Pollutant
Hazard Label(s)

Ground Transportation (DOT)

UN1950
 Aerosols, Limited Quantity
 2.1
 —
 No



Air Transportation (IATA)

UN1950
 Aerosols, Flammable, Limited Quantity
 2.1
 —
 No



Ocean Transportation (IMDG)

UN1950
 Aerosols, Limited Quantity
 2.1
 —
 No



SECTION 15 - REGULATORY INFORMATION

Federal Regulations

| ID | TSCA LISTED | SARA 302 EHS TPQ | RCRA | CERCLA | SARA 313 | FIRE | REACTIVITY | SARA 311/312 ACUTE | CHRONIC | PRESSURE | CLEAN AIR ACT HAP | CLEAN WATER ACT SOCMI | CLEAN WATER ACT |
|----|-------------|------------------|------|--------|----------|------|------------|--------------------|---------|----------|-------------------|-----------------------|-----------------|
| 1 | Yes | — | U239 | 100 | 28% | Yes | — | Yes | — | — | Yes | Yes | 100 |
| 2 | Yes | — | U220 | 1000 | 25% | Yes | — | Yes | Yes | — | Yes | Yes | 1000 (PP) |
| 3 | Yes | — | — | — | — | Yes | — | — | — | — | — | — | — |
| 4 | Yes | — | — | 1000 | 7% | Yes | — | Yes | — | — | Yes | Yes | 1000 (PP) |
| 5 | Yes | — | U002 | 5000 | — | Yes | — | Yes | — | — | — | — | — |
| 6 | Yes | — | — | — | — | — | — | Yes | — | — | — | — | — |
| 7 | Yes | — | — | — | 2% | Yes | — | Yes | — | — | — | — | — |
| 8 | Yes | — | U154 | 5000 | 1% | Yes | — | Yes | — | — | Yes | Yes | — |
| 9 | Yes | — | — | — | — | Yes | — | Yes | — | — | — | — | — |
| 10 | Yes | — | U055 | 5000 | >1% | Yes | — | Yes | — | — | Yes | Yes | — |
| 11 | Yes | — | — | — | — | Yes | — | Yes | — | — | — | — | — |

State Regulations

| ID | CA P-65 | DE RQ | MA RTK CODES | ME TYPE | ME RQ | RTK | MN AIR | WATER | NJ RTK | AIR | NY LAND | ACUTE | PA LISTED | WA PEL TWA | WI TABLE | WV TAP |
|----|---------|-------|------------------|---------|-------|-----|--------|-------|--------|------|---------|-------|-----------|------------|----------|--------|
| 1 | — | 100 | 2,4 F8 F9 | — | 2000 | ANO | Yes | — | Yes | 1000 | 1 | — | Yes-E | 100 ppm | A | — |
| 2 | DF | 1000 | 2,4,5,6 F7 F8 F9 | — | 2000 | ANO | Yes | Yes | Yes | 1000 | 1 | — | Yes-E | 100 ppm | A | — |
| 4 | C | 1000 | 2,4,5,6 F7 F8 F9 | — | 2000 | AO | Yes | Yes | Yes | 1000 | 1 | — | Yes-E | 100 ppm | A | — |
| 5 | — | 5000 | 2,4,5,6 F8 F9 | — | 20000 | AON | — | — | — | 5000 | 1 | — | Yes-E | 750 ppm | — | — |
| 7 | — | 100 | F7 F9 | — | 1000 | — | — | — | Yes | — | — | — | Yes-E | — | — | — |
| 8 | D | 5000 | 2,4,5,6 F8 F9 | — | 2000 | ANO | Yes | — | Yes | 5000 | 1 | — | Yes-E | 200 ppm | — | — |
| 9 | — | — | F7 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10 | C | 5000 | 2,4,5 F7 F8 F9 | — | 2000 | AO | Yes | — | Yes | 5000 | 1 | — | Yes-E | 50 ppm | A | — |
| 11 | — | — | 2,4 | — | — | ANO | — | — | — | — | — | — | Yes | 50 ppm | A | — |

SECTION 16 - OTHER INFORMATION

SDS Revision History

Revision 3, 07/13/2005, General Update
 Revision 4, 07/27/2015, Updated to GHS Version 3 Format.
 Revision 5, 08/10/2015, Changed to reflect Sosmetal information only.

SDS Compliance

This SDS complies with the below listed regulations only. For SDS that comply with other countries, please contact our Regulatory Department at msds@chem-pak.com
 OSHA Hazard Communication Standard (HCS 2012) 29 CFR 1910.1200
 Globally Harmonized System of Classification and Labeling of Chemicals (GHS) Revision 3



SAFETY DATA SHEET

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Air Intake Cleaner

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