Material Data Sheet

Chemteq, Inc. 600 West 24" Street, Suite B No. 2611885 No. 2611888 No. 261188									
### Street, Suite B No. 241885 Nortolk, Virginia 23517, USA Tel: 757-622-2223 Part Number: 2611 Description: Ammonia D6 Filter with ESL1 Product Name: D6 Filter-2611-ESL1 ### Street, Scion 1 - MATERIAL IDENTIFICATION Ingredient CAS #	CHE	MEC	8 B						
Norfolk, Virginia 23817, USA Tel: 157-462-2223 Toll-free: 855-CHEMTEQ (855-243-6837) Toll-free: 855-CHEMTEQ (855-243-6837) Toll-free: 855-CHEMTEQ (855-243-6837) Info@chemteq.net SECTION 1 - MATERIAL IDENTIFICATION Ingredient Activated Carbon: Phosphoric Acid Activated Carbon: Phosphoric Acid Activated Carbon: Polyacrylic None Activated Carbon: Polyacrylic None Activated Carbon: Polyacrylic None Activated Carbon: None Activated Carbon: Polyacrylic None Activated Carbon: Activated Carbon: None Activated Carbon: Activated Carbon: Activated Carbon: None Activated Carbon:	Chemteg, Inc.					Material Data Sheet			
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info@chemteq.net SECTION 1 - MATERIAL IDENTIFICATION Ingredient CAS # % by Weight Activated Carbon: Phosphoric Acid 7440-44-0 558% Phosphoric Acid 7644-38-2 32% Polyvinyl Chloride: None 45-50 Stainless Steel None 2.0 - 2.5 Poly ester None 0.5 Poly ester None 0.1-0.2 SECTION 2 - HAZARDS IDENTIFICATION HMIS RATINGS NFPA RATINGS GUID HEALTH 1 FLAMMABILITY 1 FLAM						Part Number: 2611			
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No Additional Information Available.

SECTION 4 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water spray, carbon Dioxide, Foam or Dry Chemical.

Unsuitable Extinguishing Media: None known

Specific Hazards: Avoid producing suspensions of dust during handling and avoid exposure of suspensions to sources of ignition. Suspensions of - 40 mesh particles may explode if exposed to strong ignition sources.

Carbon monoxide and carbon dioxide gas may be emitted upon combustion of material Contact with strong oxidizers such as ozone or liquid oxygen may cause rapid combustion.

Protective Equipment and Procedures: In the event of a fire, wear full protective clothing and NIOSH approved self-contained breathing apparatus with full face piece, operated in positive pressure mode.

SECTION 5 - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of a material from eyes, skin, and clothing. Environmental Precautions: The impregnate on this product is water soluble. Dike all entrances to sewers

Containment & Clean-up: Clean up spills in a manner that does not disperse dust into the air. Avoid introducing materials into waterway.

SECTION 6 - HANDLING AND STORAGE

Precautions for Safe Handling: Avoid dispersion into air, Keep containers dry and closed. Follow good handling and housekeeping practices to minimize spills, generation of airborne dusts, and accumulation of dusts on exposed surfaces. Use with adequate exhaust ventilation to draw dust away from workers' breathing zones. Prevent or minimize exposures to dusts by using appropriate respirators, gloves and eye protection. Wash exposed skin areas thoroughly with soap and water. Use caution when pouring, using pneumatic transport, swirling, etc. as this material can become electrostatically charged and present a dust explosion hazard.

Conditions for Safe Storage: Avoid spilling material so as to avoid creating a dust suspension. Store at ambient atmospheric conditions. Product should be stored in a closed dry container. Maintain good housekeeping procedures. Store away from strong oxidizers such as ozone, liquid oxygen, chlorine, permanganate, etc.

SECTION 7 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS

Provide ventilation if necessary, to minimize exposure. General ventilation is usually acceptable, but local mechanical exhaust ventilation is preferred at sources of air contamination such as open process equipment.

RESPIRATORY PROTECTION

If use conditions generate dust levels above the TLV / PEL, wear a NIOSH-approved particulate respirator or a NIOSH-approved cartridge respirator fitted with dust filters.

SKIN PROTECTION

Wear appropriate dust resistant clothing and gloves.

EYE/FACE PROTECTION

Safety glasses with side shields. If eye contact or dusty conditions are likely, wear dust tight goggles.

SECTION 8 - PHYSICAL/CHEMICAL PROPERTIES

Physical State (Appearance): Cartridge with ESLI filled with activated carbon sorbent Color Molecular Weight NA Odor None Odor Threshold None pH Value Vapor Pressure NA Melting Point Vapor Density Solid Freezina Point NA Relative Density MA Initial Boiling Point NΑ Solubility Not Soluble

Flashpoint **Partition Coefficient** NA NΑ

Evaporation Rate No data available NA **Auto Ignition Temperature** Flammability **Decomposition Temperature** NA NA

NA Viscosity SECTION 9 - STABILITIY AND REACTIVITY

This material is considered to be non-reactive under normal use conditions.

NA

CONDITIONS TO AVOID

Contact with strong oxidizers such as ozone, liquid oxygen, chlorine, permanganate, etc. may result in rapid combustion. Avoid contact with strong acids.

SECTION 10 - TOXICOLOGICAL INFIRMATION

INHALATION: Acute. Inhalation of carbon dust is mildly irritating to the lungs and can immediately give rise to an increased mucociliary transport and airway resistance mediated by the vagus. Inhalation LC50 (Rat) > 64.4 mg / l

CHRONIC: There are no known chronic inhalation effects

SKIN CONTACT: No health effects are expected

EYE CONTACT: Eye contact can cause conjunctivitis, epithelial hyperplasia of the cornea, as well as eczematous inflammation of the eyelids

INGESTION: No health effects are expected

Additional Information:

This product, when used under reasonable conditions and in accordance with the directions for use, should not present a health hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential

SECTION 11 - ECOLOGICAL INFIRMATION

The material, in its original state, is not harmful to the environment.

SECTION 12 - DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with the local/regional/national/international regulations.

SECTION 13 - TRANSPORT INFORMATION

DOT Shipping Description: see shipping papers

SECTION 14 – REGULATORY INFORMATION

LAND - DOT	UN/NA IDENTIFICATION NUMBER, UN-PROPER SHIPPING NAME, TRANSPORT HAZARD CLASS, PACKING GROUP, MARINE POLLUTANT, HAZARD CLASS,	Not Applicable to unused finished product
WATER - IMO/IMDG	UN/NA IDENTIFICATION NUMBER, UN-PROPER SHIPPING NAME, TRANSPORT HAZARD CLASS, PACKING GROUP, MARINE POLLUTANT.	Not Applicable to unused finished product
AIR - ICAO/IATA For product quantities less than 0.5 Kg	UN/NA IDENTIFICATION NUMBER, UN-PROPER SHIPPING NAME, TRANSPORT HAZARD CLASS, PACKING GROUP, MARINE POLLUTANT.	Not Applicable to unused finished product

SECTION 15 - OTHER INFORMATION

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