



CHEMSYNTH CORPORATION

(Exporter of chemical Raw materials)

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Material Safety Data Sheet 4-Phenoxyphenol, 99%

Section 1 - Chemical Product and Company Identification MSDS

Name: 4-Phenoxyphenol, 99% Catalog Numbers: AC213310250, AC9499483, AC9505000 Synonyms: p-Phenoxyphenol.

Section 2 – Composition

, Information on Ingredients CAS# Chemical Name Percent EINECS/ELINCS 831-82-3 4-Phenoxyphenol 99 212-611-1

Section 3 - Hazards Identification

EMERGENCY OVERVIEW Appearance: beige crystalline powder. Warning! Causes eye, skin, and respiratory tract irritation. Target Organs: Respiratory system, eyes, skin. Potential Health Effects Eye: Causes eye irritation. Skin: Causes skin irritation. Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Inhalation: Causes respiratory tract irritation. Chronic: No information found.

Section 4 - First Aid Measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately. Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Ingestion: Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Inhalation: Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid. Do NOT use mouth-to-mouth resuscitation. If breathing has ceased apply artificial respiration using

oxygen and a suitable mechanical device such as a bag and a mask. Notes to Physician: Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Runoff from fire control or dilution water may cause pollution. Extinguishing Media: Use agent most appropriate to extinguish fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam. Flash Point: Not applicable. Autoignition Temperature: Not applicable. Explosion Limits, Lower: Not available. Upper: Not available. NFPA Rating: (estimated) Health: 2; Flammability: 0; Instability: 0

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.

Section 7 - Handling and Storage

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Use with adequate ventilation. Storage: Keep container closed when not in use. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

Section 8 - Exposure Controls,

Personal Protection Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low. Exposure Limits Chemical Name ACGIH NIOSH OSHA - Final PELs 4-Phenoxyphenol none listed none listed none listed OSHA Vacated PELs: 4-Phenoxyphenol: No OSHA Vacated PELs are listed for this chemical. Personal Protective Equipment Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Skin: Wear appropriate protective gloves to prevent skin exposure. Clothing: Wear appropriate protective clothing to minimize contact with skin. Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Physical and Chemical Properties

Physical State: Crystalline powder

Appearance: beige

Odor: Not available.

pH: Not available.

Vapor Pressure: Not available.

Vapor Density: Not available.

Evaporation Rate:Not available.

Viscosity: Not available.

Boiling Point: 177 - 180 deg C @ 11.00mmHg

Freezing/Melting Point:83.00 - 85.00 deg C

Decomposition Temperature:Not available.

Solubility: insoluble

Specific Gravity/Density:Not available.

Molecular Formula:C12H10O2 Molecular Weight:186.21

Section 10 - Stability and Reactivity

Chemical Stability: Stable at room temperature in closed containers under normal storage and handling conditions. Conditions to Avoid: Incompatible materials, dust generation, excess heat, strong oxidants. Incompatibilities with Other Materials: Oxidizing agents, strong bases. Hazardous Decomposition Products: Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide. Hazardous Polymerization: Has not been reported

Section 11 - Toxicological Information

RTECS#: CAS# 831-82-3 unlisted. LD50/LC50: Not available. Carcinogenicity: CAS# 831-82-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65. Epidemiology: No information available. Teratogenicity: No information available. Reproductive Effects: No information available. Mutagenicity: No information available. Neurotoxicity: No information available. Other Studies:

Section 12 - Ecological Information No information available.

Section 13 - Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3.

Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. RCRA P-Series: None listed. RCRA U-Series: None listed.

Section 14 - Transport Information

US DOT Canada TDG Shipping Name: Not regulated as a hazardous material No information available.
Hazard Class: UN Number: Packing Group:

Section 15 - Regulatory Information

US FEDERAL TSCA CAS# 831-82-3 is listed on the TSCA inventory. Health & Safety Reporting List None of the chemicals are on the Health & Safety Reporting List. Chemical Test Rules None of the chemicals in this product are under a Chemical Test Rule. Section 12b None of the chemicals are listed under TSCA Section 12b. TSCA Significant New Use Rule None of the chemicals in this material have a SNUR under TSCA. CERCLA Hazardous Substances and corresponding RQs None of the chemicals in this material have an RQ. SARA Section 302 Extremely Hazardous Substances None of the chemicals in this product have a TPQ. Section 313 No chemicals are reportable under Section 313. Clean Air Act: This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters. Clean Water Act: None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA. OSHA: None of the chemicals in this product are considered highly hazardous by OSHA. STATE CAS# 831-82-3 is not present on state lists from CA, PA, MN, MA, FL, or NJ. California Prop 65 California No Significant Risk Level: None of the chemicals in this product are listed. European/International Regulations European Labeling in Accordance with EC Directives Hazard Symbols: XI Risk Phrases: R 36/37/38 Irritating to eyes, respiratory system and skin. Safety Phrases: S 24/25 Avoid contact with skin and eyes. WGK (Water Danger/Protection) CAS# 831-82-3: No information available. Canada - DSL/NDSL CAS# 831-82-3 is listed on Canada's DSL List. Canada - WHMIS This product has a WHMIS classification of D2B. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations. Canadian Ingredient Disclosure List

Section 16 - Additional Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Fisher be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Fisher has been advised of the possibility of such damages.