

TURBO-CHEM INTERNATIONAL, INC.

P.O. Box 60383

LAFAYETTE, LOUISIANA 70596

OFFICE: 337-235-3098 • FAX: 337-235-3186

MATERIAL SAFETY DATA SHEET

TURBO BEADS^{GM}™

SECTION I - IDENTIFICATION

Manufacturer's Name: Turbo-Chem International, Inc.

P.O. Box 60383

Lafayette, Louisiana 70596

Phone Number: 337-235-3098

Emergency Phone Number: 800-424-9300

Product Name: Turbo Beads

Chemical Family: Silica

Revision Date: 11/2003

Supercedes: 7/99

CAS Reg. No.: None

NFPA/HMIS RATINGS

Health 0/0

Flammability 0/0

Reactivity 0/0

PPE E/E

DEGREE OF HAZARD

4 = Severe

3 = Serious

2 = Moderate

1 = Slight

SECTION II - HAZARDOUS COMPONENTS

Nuisance Dust (particles not otherwise discussed): OSHA PEL = 15 mg/m³, TLV = 10 mg/m³

Nuisance Dust (respirable fraction): OSHA PEL = 5mg/m³, TLV = 10 mg/m³

Contains no free silica. All components are amorphous and not-crystalline. No components of this product are SARA Title III reportable substances.

SECTION III - PHYSICAL PROPERTIES

Appearance: White / Off-White powder

Form: Granular material

Specific Gravity = 2.5

Flash Point = N/AP

Solubility = insoluble in water

SECTION IV - REACTIVITY DATA

Stable: X **Unstable:**

Incompatibility: Hydrofluoric, fluorosilicic and phosphoric acids and hot strong alkaline solutions

SECTION V - FIRE AND EXPLOSION DATA

Flash Point (method used): Not Applicable

Boiling Point = N/AP

Vapor Pressure = N/AP

Vapor Density = N/AP

Evaporation Rate = N/AP

SECTION VI - EMERGENCY AND FIRST AID PROCEDURES

Ingestion: If swallowed, give two glasses of water and induce vomiting only if the person is conscious. Get medical attention.

Inhalation: Move to fresh air

Skin: Thoroughly wash exposed areas with soap and water. Remove contaminated clothing.

Eye: Flush with copious amounts of water

SECTION VII - HEALTH HAZARD INFORMATION

OSHA Permissible Exposure Limit: See SECTION 2

ACGIH Threshold Limit Value: See SECTION 2

Primary Route(s) of Exposure/Entry: Inhalation

Acute Effects of Overexposure:

Inhalation: Dust may cause irritation of nasal and respiratory passages

Eye: May cause burns

Chronic signs and symptoms of Exposure: Irritation of eyes and respiratory tract

Listed as Carcinogen or Potential Carcinogen: Not listed by OSHA, NTP, or IARC

SECTION VIII - PROTECTION INFORMATION

Respiratory Protection: Use NIOSH approved respirator for dusts

Ventilation: NIOSH / OSHA approved dust mask if permissible exposure levels are exceeded.

Protective Gloves: Resistant gloves such as neoprene, polyvinyl chloride

Eye Protection: Safety glasses or goggles recommended

SECTION IX - SPILL, LEAK AND DISPOSAL PROCEDURES

In Case of Spill or Leak: Avoid creating dust. Wet down spill if dusty, Vacuum spill.

Waste Disposal Method: Place in an approved waste disposal facility complying with all governmental regulations.

EPA Registry Number: None

Environmental Toxicity Data: None known

SECTION X - SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing: Avoid creating dusty conditions. Store away from acids.

SECTION XI - REGULATORY INFORMATION

Status on Substance Lists: The concentrations shown are maximum or ceiling levels (weight %) to be used for calculations for regulations. Trade Secrets are indicated by "TS."

FEDERAL EPA

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980 (CERCLA): requires notification of the National Response Center of release of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQ's) in 40 CFR 302.4. Components present in this product are at a level which could require reporting under the statute are:

<u>Substance</u>	<u>CAS No.</u>	<u>Percent</u>
None		

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III: requires emergency planning based on Threshold Planning Quantities (TPQ's) and release reporting based on Reportable

Quantities (RQ's) in 40 CFR 355. Components in this product at a level which could require reporting under the statute are:

<u>Substance</u>	<u>CAS No.</u>	<u>Percent</u>
None		

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III:, Section 311 and 312, requires reporting to certain authorities of hazardous chemicals under the Occupational Safety and Health Act of 1970 (29 CFR 1910.1200). This product should be considered as having Acute Health Effects.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all MSDS's that are copied and distributed for this material. Components present in this product at a level which could require reporting under the statutes are:

<u>Substance</u>	<u>CAS No.</u>	<u>Percent</u>
None		

TOXIC SUBSTANCES CONTROL ACT (TSCA) Status: This product is a mixture and cannot be assigned a CAS number. All components of this product are listed in TSCA inventory.

HAZARDOUS WASTE, 40 CFR 261: This product contains no chemicals which are listed as hazardous waste when disposed of and it does not exhibit any characteristics of hazardous waste.

STATES

CALIFORNIA PROPOSITION 65: None

CALIFORNIA SCAQMD RULE 443.1VOC'S: None

SECTION XII - SHIPPING REGULATIONS

U.S. DEPARTMENT OF TRANSPORTATION

Proper Shipping Name (49 CFR 172.101-102): Not regulated

Hazard Classification (49 CFR 172.101-102): Not regulated

Labels Required (49 CFR 172.101-102): Not regulated

Placards Required (49 CFR 172.504): Not regulated

Poison Constituent (49 CFR 172.203(K)): Not regulated

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