

SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

| | | | |
|-----------------------------------|-----------------------------------|--------------------------------|--|
| Product Name | Bio-enzymatic Drain Sticks | Item | |
| Product Use | Enzyme Drain Cleaning Sticks | | |
| Company Name | Instant Power Corporation | Office | (214) 459-9315 |
| | 1255 Viceroy | Fax | (214) 943-1306 |
| | Dallas TX 75247 | Web | www.scotchcorp.com |
| EMERGENCY TELEPHONE NUMBER | | CHEMTREC (800) 424-9300 | INTERNATIONAL + 1-703-741-5970 |

SECTION – 2 HAZARDS INFORMATION

Pictogram



Signal Word Warning

| | | | |
|----------------|---|--|--------------------|
| Hazards | <u>PHYSICAL / HEALTH / ENVIRONMENTAL HAZARD STATEMENTS</u> | <u>HAZARD CATEGORY CLASSIFICATION</u> | <u>CODE</u> |
| | Causes skin irritation | Category 2 Skin (Corrosion / Irritation) | H315 |
| | May cause an allergic skin reaction | Category 1 Sensitization (Skin) | H317 |
| | Causes serious eye irritation | Category 2A Eye (Damage / Irritation) | H319 |

| | | |
|--------------------|---|--------------------|
| Precautions | <u>HANDLING / PROTECTION / FIRE / STORAGE / DISPOSAL</u> | <u>CODE</u> |
| | Keep out of reach of children | P102 |
| | Read label before use | P103 |
| | Do not get in eyes, on skin, or on clothing | P262 |
| | Wash thoroughly after handling | P264 |
| | Do not eat, drink or smoke when using this product | P270 |
| | Avoid release to the environment | P273 |
| | Use personal protective equipment as required (See Section - 8) | P281 |
| | Dispose of material in accordance with all State and Federal Guidelines and Regulations | P501 |

SECTION – 3 COMPOSITION INFORMATION (Exact percentage of the listed chemicals of composition has been withheld as a trade secret)

| <u>CHEMICAL NAME</u> | <u>COMMON NAME AND SYNONYMS</u> | <u>CAS #</u> | <u>IMPURITIES</u> | <u>PERCENT</u> |
|-----------------------------|---|---------------------|--------------------------|-----------------------|
| Sodium Benzenesulfonate | Sodium (C10-16) benzenesulfonate | 68081-81-2 | | 10 - 30% |
| Sodium Laureth Sulfate | Sodium Lauryl Ether Sulfate ; Sodium Lauryl Polyoxyethylene Ether Sulfate | 9004-82-4 | | 10 - 30% |
| Blue Ocean Flavor | | | | 0 - 1% |

SECTION – 4 FIRST AID MEASURES

| | |
|---------------------------|---|
| Eye Contact | Immediately flush eyes with cold water for several minutes while lifting upper and lower eyelids, Remove contact lenses if present and easy to do without injury to the eye and continue rinsing, If irritation persists seek medical aid |
| Skin Contact | Wash contaminated skin with plenty of soap and water, Remove any contaminated clothing and wash before reuse, If irritation is present or occurs obtain medical attention |
| Inhaled | Not applicable under normal use. If irritation is experienced, move person to fresh air |
| Ingested | DO NOT INDUCE VOMITING, rinse mouth with water, and drink small quantities of water, Call a physician, or poison control center, and get medical attention, If victim feels nauseous stop drinking, If vomiting occurs, keep head below hips to prevent aspiration into the lungs |
| Important Effects | Exposure may cause, skin sensitization |
| Important Symptoms | Symptoms may include, allergic skin reactions |

SECTION – 5 FIRE FIGHTING MEASURES

| | |
|--------------------------------|---|
| Extinguishing Media | Not flammable: Use extinguishing media for surrounding fire |
| Explosion Hazard | Not applicable |
| Hazardous Decomposition | Burning or thermal decomposition can produce, carbon oxides, sodium oxides, sulfur oxides |
| Protective Equipment | Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear |

SECTION – 6 ACCIDENTAL RELEASE MEASURES

| | |
|-----------------------------|---|
| Emergency Procedures | Warn personnel of spill |
| Personal Precautions | Follow all safety precautions, Avoid slipping on spilled product |
| Protective Equipment | Safety Glasses, Gloves |
| Containment | Prevent product from entering the environment or water ways |
| Clean Up Procedures | Sweep up and place in disposal container |
| Disposal | Dispose of material in accordance with all State and Federal Guidelines and Regulations |

SECTION – 7 HANDLING AND STORAGE

| | |
|-------------------------------|--|
| Handling | Do not get in eyes, on skin, or clothing, Use appropriate safety equipment, Wash thoroughly after handling, Avoid release to the environment |
| Storage | Store in a closed container, Store away from incompatible materials |
| Incompatible Materials | Incompatible with, strong oxidizing agents |

SECTION – 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE LIMITS**

| CHEMICAL NAME | ACGIH (TWA 8) | ACGIH (STEL) | OSHA (TWA 8) | OSHA (CEIL) | NIOSH (TWA 10) | NIOSH (STEL) | Significant Exposure |
|-------------------------|------------------|--------------|--------------|-------------|----------------|--------------|----------------------|
| Sodium Laureth Sulfate | None Established | | | | | | EI |
| Sodium Benzenesulfonate | None Established | | | | | | EI |

PERSONAL PROTECTION

Eyes None required with normal use



Ventilation General Ventilation

| HMIS HAZARD RATINGS | |
|---------------------|---|
| Health | 1 |
| Flammability | 0 |
| Reactivity | 0 |
| Personal Protection | A |

SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-----------------------------|-----------------------------------|--|---------|
| Flash Point | > 93.3°C (200°F) - TAG Closed Cup | Specific Gravity / Density | ~ 1.704 |
| Flammable Limits (v) | ND | pH (± 0.3) | ND |
| Auto-Ignition Temp. | ND | Viscosity (mm²s / cSt) | ND |
| Physical State | Solids | Melting Point | ND |
| Appearance | Blue Stick | Boiling Point | ND |
| Odor | Pleasant | Vapor Density (air=1) | ND |
| Odor Threshold | ND | Vapor Pressure (mmHg) | ND |
| Solubility | 100% | Evaporation Rate (nBuAc=1) | ND |
| Volatiles | 0% | Partition Coefficient | ND |
| VOC | 0% | Molecular Weight (g/mol) | ND |
| LVP-VOC | 0% | Decomposition Temperature | ND |

SECTION – 10 STABILITY AND REACTIVITY

| | |
|---------------------------------|---|
| Reactivity | No specific test data related to reactivity available for this product or its ingredients |
| Chemical Stability | Stable under normal ambient and anticipated conditions of use |
| Hazardous Polymerization | Will not occur |
| Conditions To Avoid | Incompatible materials |
| Incompatible Materials | Incompatible with, strong oxidizing agents |
| Hazardous Decomposition | Burning or thermal decomposition can produce, carbon oxides, sodium oxides, sulfur oxides |

SECTION – 11 TOXICOLOGICAL INFORMATION**ROUTES OF EXPOSURE**

Eyes (Yes), Skin (Yes), Ingestion (Yes)

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes Can cause eye irritation
Skin Can cause skin irritation
Inhalation Not applicable
Ingestion May be harmful if swallowed

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes Causes eye irritation
Skin May cause allergic skin reaction
Inhalation Not applicable
Ingestion May be harmful if swallowed, Ingestion may affect, gastrointestinal tract, stomach, Symptoms may include, nausea, diarrhea, vomiting, abdominal pain

Acute Tox Calculated **Oral:** 3,076 mg/kg **Dermal:** 9,992 mg/kg **Inhaled:** > 50 mg/l

Acute Tox Category Not applicable (Oral >2,000 mg/kg), Not applicable (Dermal >2,000 mg/kg), Not applicable (Inhaled >20 mg/l) Vapors

Additional Info

Target Organs No target organs listed
Medical Conditions Preexisting, skin, disorders may be aggravated by exposure to this product
Notes to Physician Treat symptoms

CARCINOGENIC – This product contains concentrations above 0.1% of the following:

| <u>CHEMICAL NAME</u> | <u>NTP</u> | <u>ACGIH</u> | <u>IARC</u> | <u>GHS Category</u> |
|----------------------|------------|--------------|-------------|---------------------|
| None Listed | NA | NA | NA | NA |

MUTAGENIC AND REPRODUCTIVE EFFECTS – This product contains concentrations above 0.1% of the following:

| <u>CHEMICAL NAME</u> | <u>Germ Cell Mutagenicity</u> | <u>Toxic to Reproduction</u> |
|----------------------|-------------------------------|------------------------------|
| None Listed | NA | NA |

COMPONENTS ACUTE TOXICITY

| <u>CHEMICAL NAME</u> | <u>Type</u> | <u>Form</u> | <u>Subject</u> | <u>Result Value</u> | <u>Exposure Time</u> | <u>GHS Category</u> |
|-------------------------|-------------|-------------|----------------|---------------------|----------------------|-----------------------|
| Sodium Benzenesulfonate | LD50 | Oral | Rat | > 1000 mg/kg | | 4 (>300, ≤2000 mg/kg) |
| | LD50 | Dermal | Rabbit | > 2000 mg/kg | | (>2000 mg/kg) |
| Sodium Laureth Sulfate | LD50 | Oral | Rat | 1,600 mg/kg | | 4 (>300, ≤2000 mg/kg) |

SECTION – 12 ECOLOGICAL INFORMATION

| <u>CHEMICAL NAME</u> | <u>Type</u> | <u>Subject</u> | <u>Subject Latin</u> | <u>Result Value</u> | <u>Exposure Time</u> | <u>GHS Category</u> |
|-------------------------|-------------|----------------|----------------------|---------------------|----------------------|---------------------|
| Sodium Benzenesulfonate | LC50 | Fish | (Unknown species) | 1.67 mg/l | 96 Hours | 2 (>1, ≤10 mg/l) |
| | EC50 | Water Flea | (Daphnia magna) | 29 mg/l | 48 Hours | 3 (>10, ≤100 mg/l) |
| | EC50 | Algae | (Not specified) | 2.4 mg/l | 72 Hours | 2 (>1, ≤10 mg/l) |
| Sodium Laureth Sulfate | | | No data available | | | |

Persistence And Degradability This product is readily biodegradable according to the OECD definition
Bioaccumulative Potential There is no evidence to suggest bioaccumulation will occur
Mobility In Soil Expected to have high mobility into soils
Other Adverse Effects Harmful to aquatic life

SECTION – 13 DISPOSAL CONSIDERATIONS

Disposal Statement DO NOT DUMP INTO ANY STORM SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER
Dispose of any waste in accordance with all State and Federal Guidelines and Regulations

Container Disposal Dispose of empty container in trash or recycling

Material Disposal Under RCRA rules, it is the responsibility of the user of the product to determine, at the time of disposal, whether the material is a hazardous waste, Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate

SECTION – 14 TRANSPORT INFORMATION**DOT CLASSIFICATION**

| <u>UN Number</u> | <u>Proper Shipping Name</u> | <u>Reportable Quantity (lb)</u> | <u>Response</u> | <u>Marine Pollutant</u> | <u>Hazard Label</u> | <u>Secondary</u> | |
|---------------------|----------------------------------|---------------------------------|---------------------------------|-------------------------|-------------------------|---------------------|------------------|
| Not Regulated | n.o.s. (Chemicals) or "Limits" | None | 128 | No | | | |
| Hazard Class | Packing Group | Label Codes | Reportable Quantity (lb) | Response | Marine Pollutant | Hazard Label | Secondary |
| None | None | None | None | 128 | No | | |

Additional Info:

SECTION – 15 REGULATORY INFORMATION**TSCA**

| CHEMICAL NAME | Sec 8(b) Active Inventory | Sec 8(d) Health And Safety | Sec 4(a) Chemical Test Rules | Sec 12(b) Export Notification |
|-------------------------|---------------------------|----------------------------|------------------------------|-------------------------------|
| Sodium Laureth Sulfate | Yes | | | |
| Sodium Benzenesulfonate | Yes | | | |

REPORTABLE QUANTITIES

| CHEMICAL NAME | Extremely Hazardous EPCRA TPQ Sec 302 | Reportable Quantity EPCRA RQ Sec 304 | Emission Reporting CERCLA RQ Sec 103 | TRI Sec 313 | RCRA Code | RMP TQ Sec 112r |
|---------------|--|---|---|-------------|-----------|-----------------|
| None Listed | | | | | | |

SARA

| CHEMICAL NAME | Section 311 | | Section 311 / 312 Hazards | | | |
|-------------------------|--------------------|-------|---------------------------|-----------|----------|----------|
| | Hazardous Chemical | Acute | Chronic | Flammable | Pressure | Reactive |
| Sodium Benzenesulfonate | Yes | Yes | | | | |

RIGHT TO KNOW

| CHEMICAL NAME | STATE | | | | | | | | | | | | |
|---------------|-------|----|----|----|----|----|----|----|----|----|----|----|----|
| | CA | CT | FL | IL | LA | NJ | NY | PA | MI | MN | MA | RI | WI |
| None Listed | | | | | | | | | | | | | |

CALIFORNIA

WARNING: This Product can expose you to chemicals (Listed below) known to the State of California to cause cancer, birth defects or reproductive harm. For more information go to www.P65Warnings.ca.gov

| CHEMICAL NAME | CAS # | Birth Defects | Reproductive Harm | Carcinogen | Developmental |
|---------------|-------|---------------|-------------------|------------|---------------|
| None Listed | | | | | |

CLEAN AIR WATER ACTS

| CHEMICAL NAME | CAS # | Clean Air Acts | | | Clean Water Acts | | |
|---------------|-------|----------------|---------------|---------------|------------------|----|----|
| | | HAP | Ozone Class 1 | Ozone Class 2 | HS | PP | TP |
| None Listed | | | | | | | |

INTERNATIONAL REGULATIONS – The components of this product are listed on the chemical inventories of the following countries:

| CHEMICAL NAME | Australia | Canada | Europe (EINECS) | Japan | Korea | UK |
|-------------------------|-----------|--------|-----------------|-------|-------|-----|
| Sodium Laureth Sulfate | Yes | Yes | Yes | Yes | Yes | Yes |
| Sodium Benzenesulfonate | Yes | Yes | Yes | Yes | Yes | Yes |

SECTION – 16 OTHER INFORMATION**SDS LEGEND DESCRIPTION**

| | | | |
|----------------|---|--------------|--|
| - | Approximately | KD | Kidney Damage (nephropathy) |
| ACGIH | American Conference of Governmental Industrial Hygienists | LC50 | A concentration that is lethal to 50% of a given species in a given time |
| CAS | Chemical Abstracts Service Registry | LD50 | Dose that is lethal to 50% of a given species by a given route of exposure |
| CEIL | Ceiling Limit (15 minutes) | LEL | Lower Explosive Limit |
| CERCL | Comprehensive Environmental Response, Compensation, and Liability Act | LD | Liver Damage |
| CI | Cochlear Impairment | NA | Not Applicable |
| CNS | Central Nervous System | ND | Not Determined |
| EC50 | Concentration of a chemical that gives half-maximal response | NE | Not Established |
| EPA | Environmental Protection Agency | NFPA | National Fire Protection Association |
| Eye | (EI = Irritation) (ED = Damage) (EV = Visual Impairment) | NIOSH | National Institute for Occupational Safety and Health |
| FBG | Full Bunker Gear | NTP | National Toxicology Program |
| GHS | Globally Harmonized System | OSHA | Occupational Safety and Health Administration |
| HAP | California Hazardous Air Pollutant Clean Air Act | PEL | Permissible Exposure Limit (OSHA) |
| HMIS-A | Safety glasses | PNS | Peripheral Nervous System |
| HMIS-B | Safety glasses, gloves | PP | California Priority Pollutant under the Clean Water Act |
| HMIS-C | Safety glasses, gloves, chemical apron | REL | Recommended exposure limit (NIOSH) |
| HMIS-D | Face shield, gloves, chemical apron | RT | Upper Respiratory Tract |
| HMIS-E | Safety glasses, gloves, dust respirator | Skin | (SI = Irritation) (SD = Damage) (SA = Absorption) (SS = Sensitizer) |
| HMIS-F | Safety glasses, gloves, chemical apron, dust respirator | SARA | Superfund Amendments and Reauthorization Act |
| HMIS-G | Safety glasses, gloves, vapor respirator | STEL | Short Term Exposure Limit (15 minutes) |
| HMIS-H | Splash goggles, gloves, chemical apron, vapor respirator | TC Lo | Lowest concentration that is toxic to a given species in a given time |
| HMIS-I | Safety glasses, gloves, dust and vapor respirator | TD Lo | Lowest dose that is toxic to a given species |
| HMIS-J | Splash goggles, gloves, chemical apron, dust and vapor respirator | TLV | Threshold Limit Value (ACGIH) |
| HMIS-K | Air line hood or mask, gloves, full chemical suit, boots | TP | California Toxic Pollutant under the Clean Water Act |
| HMIS-X | Ask Supervisor | TSCA | Toxic Substances Control Act |
| HS | California Hazardous Substance under the Clean Water Act | TWA | Time Weighted Average (8 hours) - NOISH (10 hours) |
| IG / IH | (IG = Ingested) / (IH = Inhaled - Vapors / Mists / Gas) | UEL | Upper Explosive Limit |

Instant Power Corporation

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