

SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name	Bio-enzymatic Drain Sticks			Item : 1507
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 PHYSICAL / HEALTH / ENVIRONMENTAL HAZARD STATEMENTS

Causes skin irritation
May cause an allergic skin reaction
Causes serious eye irritation

HAZARD CATEGORY CLASSIFICATION CODE

Category 2 Skin (Corrosion / Irritation) H315
Category 1 Sensitization (Skin) H317
Category 2A Eye (Damage / Irritation) H319

Precautions HANDLING / PROTECTION / FIRE / STORAGE / DISPOSAL

Keep out of reach of children
Read label before use
Do not get in eyes, on skin, or on clothing
Wash thoroughly after handling
Do not eat, drink or smoke when using this product
Avoid release to the environment
Use personal protective equipment as required (See Section - 8)
Dispose of material in accordance with all State and Federal Guidelines and Regulations

CODE

P102
P103
P262
P264
P270
P273
P281
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

HMS 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>n.o.s. (Chemicals) or "Limits"</u>	<u>Hazard Class</u>	<u>Packing Group</u>	<u>Label Codes</u>	<u>Reportable Quantity (lb)</u>	<u>Response</u>	<u>Marine Pollutant</u>	<u>Hazard Label</u>	<u>Secondary</u>
Not Regulated	Not dangerous goods		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

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

SARA

<u>SARA</u>	Section 311	Section 311 / 312 Hazards				
CHEMICAL NAME	Hazardous Chemical	Acute	Chronic	Flammable	Pressure	Reactive
Sodium Benzenesulfonate	Yes	Yes				

RIGHT TO KNOW

CHEMICAL NAME	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

<u>CLEAN AIR WATER ACTS</u>		Clean Air Acts			Clean Water Acts		
CHEMICAL NAME	CAS #	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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