SAFETY DATA SHEET

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Urine Salt Dissolver **Revision Date** 7/23/2024

SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Instant Power Professional **Item** 8210

Product Name **Urine Salt Dissolver**

Product Use Toilet / Urinal Care Product

Company Name Instant Power Corporation **Office** (214) 943-4605

1255 Viceroy **Fax** (214) 943-1306

Dallas TX 75247 **Web** www.instantpowerpro.com

EMERGENCY TELEPHONE NUMBER **CHEMTREC (800) 424-9300** **INTERNATIONAL + 1-703-741-5970**

SECTION – 2 HAZARD IDENTIFICATION

Pictogram

Classification in accordance with (29 CFR 1910.1200) US OSHA / HCS 2012 regulation

Signal Word Danger

Hazards	**PHYSICAL / HEALTH / ENVIRONMENTAL HAZARD STATEMENTS**	**HAZARD CATEGORY CLASSIFICATION**		**CODE**
	May be corrosive to metals	Category 1	Corrosive to Metals	H290
	Causes skin irritation	Category 2	Skin (Corrosion / Irritation)	H315
	Causes serious eye damage	Category 1	Eye (Damage / Irritation)	H318

Precautions	**HANDLING / PROTECTION / FIRE / STORAGE / DISPOSAL**	**CODE**
	If medical advice is needed, have product container or label at hand	P101
	Keep out of reach of children	P102
	Read label before use	P103
	Keep only in original container	P234
	Avoid breathing dust / fume / gas / mist / vapors / spray	P261
	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
	Use personal protective equipment as required (See Section - 8)	P281
	In case of inadequate ventilation wear respiratory protection	P285
	Absorb spillage to prevent material damage	P390
	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)

CHEMICAL NAME	COMMON NAME AND SYNONYMS	CAS #	IMPURITIES	PERCENT
Urea Monohydrochloride	Carbamide Hydrochloride	506-89-8		10 - 25%

There are no additional ingredients within our current knowledge that meet the reporting requirements under OSHA Hazard Communication Standard (29 CFR 1910.1200)

SECTION – 4 FIRST AID MEASURES

Eye Contact Immediately flush eyes with cold water for at least 15 minutes while lifting upper and lower eyelids, Remove contact lenses if present and easy to do without injury to the eye and continue rinsing, Obtain immediate medical attention, preferably from an ophthalmologist or Emergency Room

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 Move person to fresh air, if they have problem breathing, show signs of overexposure or feel unwell obtain medical attention

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 No additional effects beyond what is listed above

Important Symptoms No additional symptoms beyond what is listed above

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, hydrogen chloride, nitrogen 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, Stop spill or release only if it can be done safely, Keep unprotected personnel from entering the hazard area, Ventilate area
Personal Precautions	Follow all safety precautions, Wear Personal Protective Equipment, Do not walk through spill
Protective Equipment	Safety Glasses, Gloves, Chemical Apron, Rubber Boots
Containment	Use rags, towels, absorbent socks or pads to prevent spill from spreading, Prevent spill from entering the environment
Clean Up Procedures	Small Spills: Use wet vacuum or mop and wringer to pick up spilled material then mop area with clean water, Large Spills: Absorb spill with inert material, place in a chemical waste container, mop area with clean water
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, Avoid breathing mist, vapors or fumes, Use appropriate safety equipment, and adequate ventilation, Do not smoke, eat or drink while using, Wash thoroughly with soap and water after handling, Avoid release to the environment
Storage	Keep container closed when not in use, Store in a cool place away from incompatible materials, Store in corrosive resistant container
Incompatible Materials	Incompatible with, alkaline materials, chlorates, hypochlorites, nitrates, 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
Urea Monohydrochloride	None Established						ED

PERSONAL PROTECTION

HMIS HAZARD RATINGS

Health	2
Flammability	0
Reactivity	0
Personal Protection	B

Eyes	Wear safety glasses with side protection when handling / using this material
Hands	Wear impervious gloves when handling / using this material
Response	Access to an eye wash station is a recommended safety precaution for handling / using this type of material
Ventilation	General Ventilation

SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES

Flash Point	> 93.3ºC (200ºF) - TAG Closed Cup	**Specific Gravity / Density**	~ 1.042
Flammable Limits (v)	ND	**pH (± 0.3)**	< 1.0
Auto-Ignition Temp.	ND	**Viscosity (mm²/s / cSt)**	ND
Physical State	Liquid	**Melting / Freeze Point**	~ 0ºC (32ºF)
Appearance	Blue	**Boiling Point**	~ 100ºC (212ºF)
Odor	Lavender Mint	**Vapor Density (air=1)**	ND
Odor Threshold	ND	**Vapor Pressure (mmHg)**	ND
Solubility	100%	**Evaporation Rate (nBuAc=1)**	ND
Volatiles	< 87%	**Partition Coefficient**	ND
VOC	< 1%	**Molecular Weight (g/mol)**	ND
LVP-VOC	ND	**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, alkaline materials, chlorates, hypochlorites, nitrates, oxidizing agents
Hazardous Decomposition	Burning or thermal decomposition can produce, carbon oxides, hydrogen chloride, nitrogen oxides

SECTION – 11 TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE

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

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes	Causes serious eye damage
Skin	Can cause skin irritation
Inhalation	None expected under normal conditions of use
Ingestion	May be harmful if swallowed

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes	Causes serious eye damage, burning, or pain
Skin	Causes skin irritation, defatting of the skin which may lead to dermatitis

Inhalation	May cause mild respiratory irritation
Ingestion	May be harmful if swallowed

Acute Tox Calculate **Oral:** > 5,000 mg/kg **Dermal:** > 5,000 mg/kg **Inhaled:** > 50 mg/l

Acute Tox Category	Not applicable (Oral >5,000 mg/kg), Not applicable (Dermal >5,000 mg/kg), Not applicable (Inhaled >50 mg/l) Vapors
Target Organs	Skin, Eyes
Medical Conditions	Preexisting, eye, 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:

CHEMICAL NAME	NTP	ACGIH	IARC	GHS Category
None Listed	NA	NA	NA	NA

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

CHEMICAL NAME	Germ Cell Mutagenicity	Toxic to Reproduction
None Listed	NA	NA

COMPONENTS ACUTE TOXICITY

CHEMICAL NAME	Type	Form	Subject	Result Value	Exposure Time	GHS Category
Urea Monohydrochloride	LD50	Oral	Rat	1,121 mg/kg		4 (>300, ≤2000 mg/kg)

SECTION – 12 ECOLOGICAL INFORMATION

CHEMICAL NAME	Type	Subject	Subject Latin	Result Value	Exposure Time	GHS Category
Urea Monohydrochloride	LC50	Rainbow Trout	(Oncorhynchus mykiss)	> 142 mg/l	96 Hours	4 (>100 mg/l)
	LC50	Water Flea	(Ceriodaphnia dubia)	71.1 mg/l	48 Hours	3 (>10, ≤100 mg/l)

Presistence And Degradability	No data available
Bioaccumulative Potential	No data available
Mobility In Soil	This material is a mobile liquid
Other Adverse Effects	May be harmful to aquatic life

SECTION – 13 DISPOSAL CONSIDERATIONS

Disposal Statement	DO NOT DUMP INTO ANY 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	Empty containers retain product residue (vapors, liquid or solid) observe all precautions when handling, Empty drums should be returned to distributor or taken to an approved waste handling site for recycling or disposal
Material Disposal	This material as supplied, when discarded or disposed of, is a hazardous waste according to Federal Regulations (40 CFR 261) due to its composition containing in some or all of its components, 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

UN Number	Proper Shipping Name n.o.s. (Chemicals) or "Limits"
Not Regulated	Non Regulated Material

Hazard Class	Packing Group	Label Codes	Reportable Quantity (lb)	Response	Marine Pollutant	Hazard Label	Secondary
None	None	None	None	128	No		

Additional Info: Exempt under DOT 49 CFR 173.154 (d). This material is corrosive to aluminum only. Not corrosive to mild steel and skin

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
Urea Monohydrochloride	Yes			

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

	Section 311	Section 311 / 312 Hazards				
CHEMICAL NAME	Hazardous Chemical	Acute	Chronic	Flammable	Pressure	Reactive
Urea Monohydrochloride	Yes	Yes				

RIGHT TO KNOW

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

CALIFORNIA No Prop 65 ingredients

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

CLEAN AIR WATER ACTS

		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
Urea Monohydrochloride	Yes	Yes	Yes	Yes	Yes	Yes

SECTION – 16 OTHER INFORMATION

SDS LEGEND DESCRIPTION

~	Approximately	**LC0**	A concentration that is "Not" lethal to a given species in a given time
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	**LD0**	Dose that is "Not" lethal to a given species by a given route of exposure
CEIL	Ceiling Limit (15 minutes)	**LD50**	Dose that is lethal to 50% of a given species by a given route of exposure
CERCL	Comprehensive Environmental Response, Compensation, and Liability Act	**LEL**	Lower Explosive Limit
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
GHS	Globally Harmonized System	**NTP**	National Toxicology Program
HAP	California Hazardous Air Pollutant Clean Air Act	**OSHA**	Occupational Safety and Health Administration
HMIS-A	Safety glasses	**PEL**	Permissible Exposure Limit (OSHA)
HMIS-B	Safety glasses, gloves	**PNS**	Peripheral Nervous System
HMIS-C	Safety glasses, gloves, chemical apron	**PP**	California Priority Pollutant under the Clean Water Act
HMIS-D	Face shield, gloves, chemical apron	**REL**	Recommended exposure limit (NIOSH)
HMIS-E	Safety glasses, gloves, dust respirator	**RT / RS**	Respiratory Tract / Respiratory System
HMIS-F	Safety glasses, gloves, chemical apron, dust respirator	**Skin**	(SI = Irritation) (SD = Damage) (SA = Absorption) (SS = Sensitizer)
HMIS-G	Safety glasses, gloves, vapor respirator	**SARA**	Superfund Amendments and Reauthorization Act
HMIS-H	Splash goggles, gloves, chemical apron, vapor respirator	**STEL**	Short Term Exposure Limit (15 minutes)
HMIS-I	Safety glasses, gloves, dust and vapor respirator	**TC Lo**	Lowest concentration that is toxic to a given species in a given time
HMIS-J	Splash goggles, gloves, chemical apron, dust and vapor respirator	**TD Lo**	Lowest dose that is toxic to a given species
HMIS-K	Air line hood or mask, gloves, full chemical suit, boots	**TLV**	Threshold Limit Value (ACGIH)
HMIS-X	Ask Supervisor	**TP**	California Toxic Pollutant under the Clean Water Act
HS	California Hazardous Substance under the Clean Water Act	**TSCA**	Toxic Substances Control Act
IDHL	Immediately dangerous to health and life	**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