SAFETY DATA SHEET

CLEAN STEAM **Revision Date** **10/19/2022**

SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME Clean Steam
PRODUCT USE Rust Inhibitor
Item Number 11995

COMPANY NAME Magic Cast Products
3800 Abernathy Drive
Texarkana, AR 7185[illegible]

Office 870-330-4061
Fax 870-330-4065
Web www.magiccastproducts.com

EMERGENCY TELEPHONE NUMBER **INFOTRAC** **(800) 535-5053**

ITEM NUMBER: **22.675**

DISTRIBUTED BY: Grobet File Company of America, LLC
750 Washington Avenue, Carlstadt, NJ 07072, USA
Tel: 201 939-6700

Emergency number : For 24-Hour Emergency Information Call Chemtrec: +1 (800) 424-9300

SECTION – 2 HAZARDS INFORMATION



Acute Toxicity
Irritant (skin and eye)
Respiratory Tract Irritant

WARNING! Causes eye irritation, May cause skin irritation, Mist may cause mild irritation, Harmful if swallowed, Use personal protective equipment as required, Wash thoroughly after handling, Avoid release to the environment

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
Trisodium Phosphate	Sodium phosphate	7601-54-9		1 - 10%
Chelating Agent	Tetrasodium Ethylenediaminetetraacetate Tetrahydrate	13235-36-4		1 - 10%

The exact percentages (concentration) of mixture has been withheld as a trade secret in accordance to paragraph (i) of §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, If irritation persists obtain immediate medical attention, preferably from an ophthalmologist.

SKIN CONTACT Immediately wash contaminated skin with a nonabrasive soap and plenty of water for at least 15 minutes. Be sure to remove any contaminated clothing and wash before reuse. If irritation is present or occurs obtain medical attention.

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

INGESTION DO NOT INDUCE VOMITING. If person is fully conscious give one to two glasses of water to dilute and obtain immediate medical attention. If vomiting occurs, keep head below hips to prevent aspiration into the lungs.

Aspiration Hazard Not applicable

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes Can cause eye irritation, redness, tearing
Skin May cause mild skin irritation, drying or cracking
Inhalation Mist may be harmful if inhaled, Mist may cause mild irritation, to nose, throat or mucus membranes
Ingestion Harmful if swallowed, Can cause irritation, of the mouth, throat, esophagus, and stomach, Slight acute toxicity if swallowed

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes Can cause serious eye irritation, redness, tearing, pain, or possible corneal injury
Skin May cause serious skin irritation, redness, burning, drying or cracking, or chemical burns
Inhalation Mist may be harmful if inhaled, Mist can cause irritation, to nose, throat, mucus membranes or respiratory tract
Ingestion Harmful if swallowed, Can cause severe irritation, burning in the mouth, throat, esophagus, and stomach, Slight acute toxicity if swallowed

SECTION – 5 FIRE FIGHTING MEASURES

Extinguishing Media	Suitable: Use DRY chemicals, CO2, alcohol foam. Water spray to cool or protect exposed materials
Hazardous Decomposition	Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, and other toxic fumes
Reactive With	Incompatible with, strong oxidizing agents, strong acids
Explosion Hazards	Not applicable
Static Discharge	Not applicable
Mechanical Impact	Not applicable
Protective Equipment	Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear

FLAMMABLE LIQUIDS HAZARD CLASSIFICATION

Criteria	Flash point > 93.3ºC (200ºF)
NFPA	Class III B
GHS	Not applicable
WHMIS	Not applicable

NFPA HAZARD RATINGS

Health	2
Flammability	0
Reactivity	0
Personal Protection	FBG

SECTION – 6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Warn personnel of spill
Personal Precautions	Ventilate area, Avoid slipping on spilled product
Protective Equipment	Safety Glasses, Chemical Gloves and Rubber Boots
Containment	Use rags, towels, absorbent socks or pads to prevent spill from spreading
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 (e.g., dry sand or earth), then place in a chemical waste container Vacuum or sweep up material and place in a disposal container
Disposal	Dispose of material in accordance with all State and Federal Guidelines and Regulations

SECTION – 7 HANDLING AND STORAGE

Handling	Use appropriate safety equipment. Avoid eye and skin contact. May be harmful if inhaled. Harmful if swallowed. Avoid release to the environment
Storage	Keep container closed when not in use and store away from incompatible materials, KEEP OUT OF REACH OF CHILDREN
Incompatible Materials	Incompatible with, strong oxidizing agents, strong acids

SECTION – 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

CHEMICAL NAME	ACGIH (TWA 8)	ACGIH (STEL)	OSHA PEL (TWA 8)	OSHA (CEIL)	Significant Exposure
Trisodium Phosphate		5 mg/m3			
Chelating Agent	None Established				

PERSONAL PROTECTIVE EQUIPMENT



Chemical Safety Glasses, Goggles or Face Shield



Impervious Chemical Gloves



Eye Wash (Recommended)



Ventilation

General Ventilation

HMIS HAZARD RATINGS

Health	2
Flammability	0
Reactivity	0
Personal Protection	B

SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES

Flash Point	> 100ºC (212ºF)	**Specific Gravity / Relative Density**	ND
Flammable Limits	ND	**Molecular Weight**	ND
Auto-Ignition Temp.	ND	**Initial Boiling Point**	100ºC (212ºF)
Physical State	Liquid	**Boiling Range**	ND
Appearance	Clear	**Vapor Pressure**	ND
Odor	Detergent	**Vapor Density**	ND
Odor Threshold	ND	**Freeze Point**	0ºC (32ºF)
Solubility	100%	**Melting Point**	ND
Volatiles	< 85%	**Partition Coefficient**	ND
VOC	< 1%	**Decomposition Temperature**	ND
pH	12.5	**Evaporation Rate**	ND

SECTION – 10 STABILITY AND REACTIVITY

Reactivity (Specific Test Data)	None available
Chemical Stability	Stable when stored below 49ºC (120ºF)
Hazardous Polymerization	Will not occur
Conditions To Avoid	Incompatible materials
Incompatible Materials	Incompatible with, strong oxidizing agents, strong acids
Thermal Decomposition	Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, and other toxic fumes

SECTION – 11 TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE

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

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes	Can cause eye irritation, redness, tearing
Skin	May cause mild skin irritation, drying or cracking
Inhalation	Mist may be harmful if inhaled, Mist may cause mild irritation, to nose, throat or mucus membranes
Ingestion	Harmful if swallowed, Can cause irritation, of the mouth, throat, esophagus, and stomach, Slight acute toxicity if swallowed

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes	Can cause serious eye irritation, redness, tearing, pain, or possible corneal injury
Skin	May cause serious skin irritation, redness, burning, drying or cracking, or chemical burns
Inhalation	Mist may be harmful if inhaled, Mist can cause irritation, to nose, throat, mucus membranes or respiratory tract
Ingestion	Harmful if swallowed, Can cause severe irritation, burning in the mouth, throat, esophagus, and stomach, Slight acute toxicity if swallowed
Target Organs	Eyes (Lens or cornea), Skin
Medical Conditions	Preexisting, eye, skin, disorders may be aggravated by exposure to this product
Notes to Physician	In case of ingestion, gastric lavage with activated charcoal can be used promptly to prevent absorption

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

CHEMICAL NAME	NTP	ACGIH	IARC	GHS Category
None Listed				

MUTAGENIC AND TERATOGENIC EFFECTS – May cause fetal and reproductive abnormalities.

CHEMICAL NAME	Mutagenic	Teratogenic	Developmental	GHS Category
None Listed				

SECTION – 11 TOXICOLOGICAL INFORMATION - CONTINUED

ACUTE TOXICITY	Type	Form	Subject	Result Value	Exposure Time	GHS Category
Chelating Agent	LD50	Oral	Rat	< 2,000 mg/kg		4 (>300, ≤2000 mg/kg)
	LC50	Inhaled	Rat	4.14 mg/L		4 (>1.0, ≤5 mg/L)
	LD50	Dermal	Rabbit	> 5,000 mg/kg		5 (>2000 mg/kg)

SECTION – 12 ECOLOGICAL INFORMATION

CHEMICAL NAME	Type	Subject	Subject Latin	Result Value	Exposure Time	GHS Category
Trisodium phosphate	LD50	Mosquito fish	(Gambusia affinis)	28.5 mg/L	96 Hour	3 (>10, ≤100 mg/L)
Chelating Agent	LC50	Bluegill	(Lepomis macrochirus)	1,592 mg/L	96 Hour	4 (>100 mg/L)
	LC50	Water flea	(Daphnia magna)	610 mg/L	24 Hour	4 (>100 mg/L)

Persistence And Degradability Phosphates may persist in the environment

Bioaccumulative Potential No data available

Mobility In Soil This material is a mobile liquid

Other Adverse Effects No data available

SECTION – 13 DISPOSAL CONSIDERATIONS

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

ENVIRONMENTAL FATE

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

D.O.T. CLASSIFICATION

UN Number	Proper Shipping Name
Not Regulated	Non Hazardous – Compounds Cleaning Liquid

Hazard Class	Packing Group	Label Codes	Reportable Quantity (lbs)	Response Code	Marine Pollutant
None	PG III	None	None	154	No

SECTION – 15 REGULATORY INFORMATION

TSCA

CHEMICAL NAME	Sec 8(b) Inventory	Sec 8(d) Health And Safety	Sec 4(a) Chemical Test Rules	Sec 12(b) Export Notification
None Listed				

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
Trisodium phosphate	Yes	Yes				

RIGHT TO KNOW

	STATE											
CHEMICAL NAME	CA	CT	FL	IL	LA	NJ	NY	PA	MI	MN	MA	RI	WI
Trisodium phosphate						Yes		Yes			Yes		

CALIFORNIA WARNING! This product contains chemicals known to the state of California to cause:

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
None Listed						

WHMIS Classification

CHEMICAL NAME	DSL	Class	Description
Chelating Agent	Yes	D-2B .	Materials Causing Other Toxic Effects; Toxic Material (Eye / Skin Irritation - Reversible Damage)

DSCL (EEC)

Code	Definition (R-Phrases / S-Phrases)
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R36/37/38	Irritating to eyes, respiratory system and skin
S2	Keep out of the reach of children
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label where possible
S24/25	Avoid contact with skin and eyes
S37/39	Wear suitable gloves and eye/face protection

SECTION – 16 OTHER INFORMATION

SDS	Legend Description
ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service Registry
CEIL	Ceiling Limit (15 minutes)
CERCL	Comprehensive Environmental Response, Compensation, and Liability Act
EPA	Environmental Protection Agency
FBG	Full Bunker Gear
HAP	California Hazardous air pollutant Clean Air Act
HMIS-A	Safety Glasses
HMIS-B	Safety glasses, gloves
HMIS-C	Safety glasses, gloves, chemical apron
HMIS-D	Face shield, gloves, chemical apron
HMIS-E	Safety glasses, gloves, dust respirator
HMIS-F	Safety glasses, gloves, chemical apron, dust respirator
HMIS-G	Safety glasses, gloves, vapor respirator
HMIS-H	Splash goggles, gloves, chemical apron, vapor respirator
HMIS-I	Safety glasses, gloves, dust and vapor respirator
HMIS-J	Splash goggles, gloves, chemical apron, dust and vapor respirator
HMIS-K	Air line hood or mask, gloves, full chemical suit, boots
HMIS-X	Ask Supervisor
HS	California Hazardous Substance under the Clean Water Act
IARC	International Agency for Research on Cancer
LC50	Air concentration that is lethal to 50% of a given species in a given time
LD50	Dose that is lethal to 50% of a given species by a given route of exposure
LEL	Lower Explosive Limit
NA	Not Applicable
ND	Not Determined
NE	Not Established
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit (OSHA)
PP	California Priority Pollutant under the Clean Water Act
REL	Recommended exposure limit (NIOSH)
SARA	Superfund Amendments and Reauthorization Act
STEL	Short Term Exposure Limit (15 minutes)
TC Lo	Air concentration that is lethal to 50% of a given species in a given time
TD Lo	Lowest dose that is toxic to a given species
TLV	Threshold Limit Value (ACGIH)
TP	California Toxic Pollutant under the Clean Water Act
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average (8 hours)
UEL	Upper Explosive Limit
WHMIS	Worker Hazardous Materials Information System (Canada)

Supersedes Safety Data Sheet Dated 6/14/2017