# Magic-

SECTION - 1

#### 180-834

### SAFETY DATA SHEET

Clean Steam Revision Date 12/23/2014

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME Clean Steam PRODUCT USE Steam Cleaner ITEM 992

COMPANY NAME Magic Cast Products Office (870) 330-4061

3500 Tennessee Road Fax (870) 330-4065

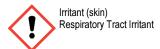
Texarkana AR 71854 Web www.magiccastproducts.com

EMERGENCY TELEPHONE NUMBER INFOTRAC (800) 535-5053

SECTION – 2 HAZARDS INFORMATION

PHYSICAL HAZARDS None

HEALTH HAZARDS EYES-Category 1, SKIN-Category 2, STOT SINGLE EXPOSURE-Category 3





DANGER! Causes serious eye damage, Causes skin irritation, Harmful if swallowed, May cause respiratory irritation, Do not get in

eyes, on skin, or clothing, and avoid inhalation of mist, Use personal protective equipment as required, Wash thoroughly after handling, Avoid release into 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

CHEMICAL NAMECOMMON NAME AND SYNONYMSCAS #IMPURITIESPERCENTTrisodium PhosphateSodium phosphate7601-54-91 - 10%Chelating AgentTetrasodium Ethylenediaminetetraacetate13235-36-41 - 10%

Tetrahydrate

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 considered to be an aspiration hazard

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes Causes serious eye irritation, redness, tearing, or possible corneal injury

**Skin** Can cause 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, Minimal acute toxicity if

swallowed

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes Causes serious eye damage, redness, tearing, pain, or possible corrosive burns

Skin Causes skin irritation, redness, burning, drying or cracking

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 Not flammable: Use extinguishing media for surrounding fire

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 > 93.3°C (200°F)

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 Keep away from incompatible materials, Use appropriate safety equipment, Avoid eye and skin contact, Avoid

inhalation of mist, May cause respiratory irritation, Harmful if swallowed, Wash thoroughly after handling, Avoid

release to the environment

Storage KEEP OUT OF REACH OF CHILDREN, Keep container closed when not in use, Store away from incompatible

materials

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)

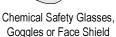
Exposure

Chelating Agent None Established

Trisodium Phosphate (WEEL) 5 mg/m3

#### PERSONAL PROTECTIVE EQUIPMENT



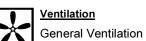




Impervious Chemical Gloves



Eye Wash (Recommended)



HMIS HAZARD RATINGS

Health 2
Flammability 0
Reactivity 0
Personal Protection B

SECTION - 9 PHYSICAL AND CHEMICAL PROPERTIES > 100°C (212°F) Specific Gravity / Relative Density ND Flash Point Flammable Limits Molecular Weight ND Auto-Ignition Temp. **Initial Boiling Point** 100°C (212°F) **Physical State** Liquid **Boiling Range** ND **Appearance** Clear Vapor Pressure ND Detergent ND Odor Vapor Density 0°C (32°F) **Odor Threshold** ND Freeze Point Solubility 100% **Melting Point** ND Volatiles < 85% ND Partition Coefficient VOC < 1% **Decomposition Temperature** ND pH (± 0.3) ND 12.5 **Evaporation Rate** 

#### SECTION – 10 STABILITY AND REACTIVITY

Reactivity (Specific Test Data) None available

Chemical Stability Stable when stored below 49°C (120°F)

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 Causes serious eye irritation, redness, tearing, or possible corneal injury

**Skin** Can cause 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, Minimal acute toxicity if

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#### CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

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Ingestion Harmful if swallowed, Can cause severe irritation, burning in the mouth, throat, esophagus, and stomach, Slight acute

toxicity if swallowed

Acute Tox Calculated Oral: 32,314 mg/kg Dermal: 168,750 mg/kg Inhaled: mg/L

Acute Tox Category "Not applicable (Oral > 2,000 mg/kg)", "Not applicable (Dermal > 2,000 mg/kg)", "No data available (Inhaled) Vapors"

**Additional Info** 

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 REPRODUCTIVE EFFECTS - May cause fetal and reproductive abnormalities.

CHEMICAL NAME Germ Cell Mutagenicity Toxic to Reproduction

None Listed

SECTION - 11 TOXICOLOGIC	CAL INFORM	ATION - CONTINU	ED				
ACUTE TOXICITY	<u>Type</u>	<u>Form</u>	<u>Subject</u>	Result Value	Exposure Time	<b>GHS Category</b>	
Trisodium Phosphate	LD50	Oral	Rat	7400 mg/kg		(>2000 mg/kg)	
Chelating Agent	LD50	Oral	Rat	> 2,000 mg/kg		4 (>300, ≤2000 mg/kg)	
	LD50	Dermal	Rabbit	> 5,000 mg/kg		(>2000 mg/kg)	
	LC50	Inhaled	Rat	4.14 mg/L		4 (>1.0, ≤5 mg/L)	
SECTION – 12 ECOLOGICAL	. INFORMATI	ON					
CHEMICAL NAME	Type	<u>Subject</u>	Subject Latin	Result Value	<b>Exposure Time</b>	GHS Category	
Trisodium phosphate	LD50	Mosquito Fish	(Gambusia affinis)	28.5 mg/L	96 Hours	3 (>10, ≤100 mg/L)	
Chelating Agent	LC50	Bluegill	(Lepomis macrochirus)	1,592 mg/L	96 Hours	4 (>100 mg/L)	
	LC50	Water Flea	(Daphnia magna)	610 mg/L	24 Hours	4 (>100 mg/L)	
Presistence And Degradability	e And Degradability Phosphates may persist in the environment						
Bioaccumulative Potential	No data a	vailable					

#### 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

This material is a mobile liquid

Harmful to aquatic life

#### **ENVIRONMENTAL FATE**

**Mobility In Soil** 

Other Adverse Effects

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.

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.

The transportation, storage, treatment and disposal of RCRA waster material must be conducted in compliance with 40 CFR 262, 263, 264 and 270. Disposal can only occur in properly permitted facilities.

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate.

**Proper Shipping Name** 

None

#### SECTION – 14 TRANSPORT INFORMATION

PG III

#### **D.O.T. CLASSIFICATION**

None

**UN Number** 

Not Regulated Non Hazardous – Compounds Cleaning Liquid

Hazard Class Packing Group Label Codes Reportable Quantity (lbs) Response Code Marine Pollutant

None

154

No

Page 5 of 6					Cle	ean St	eam				Re	evision Dat	.e	12/23/2014
SECTION - 1	5 REGULATORY	/ INFORMATION	ON											
<u>TSCA</u>														
CHEMICAL N	NAME	Sec 8(b)	Inventory	S	ec 8(d) H	lealth A	And Safety	Se	c 4(a) Cher	nical Tes	t Rules	Sec 12(k	) Expo	rt Notificatio
None Listed	i													
REPORTABL	ORTABLE QUANTITIES Extreme		Extremely	ly Hazardous Reportable Qu			Quantity Emission Reporting			ng				
CHEMICAL N	NAME	EPCRA TP	Q Sec 302	EPCR/	RQ Sec	304	CERCLA RQ	Sec 103	TRIS	Sec 313	R	CRA Code	RM	P TQ Sec 112
None Listed	i													
SARA		Se	Section 311 Section 311 / 312						12 Haza	2 Hazards				
CHEMICAL N	NAME	Hazard	dous Che	mical		Acute	. (	Chronic	Fla	ammabl	е	Pressure		Reactive
Trisodium p	hosphate		Yes			Yes								
RIGHT TO KI	NOW						STATE							
CHEMICAL N	NAME	CA	СТ	FL	IL	LA	NJ	NY	PA	MI	MN	MA	RI	WI
Trisodium p	hosphate						Yes		Yes			Yes		
CALIFORNIA				WARNI	NG! Thi	is pro	duct contai	ns chem	icals kno	wn to th	ne state	of Californ	nia to (	cause:
CHEMICAL N	NAME	CAS#		Birth D	efects	-	Reproduc	tive Har	m	Carcin	nogen		evelo	pmental
None Listed	İ													
CLEAN AIR	WATER ACTS			Clean	n Air Act	ts					Clean \	Water Acts		
CHEMICAL N	NAME	CAS#		HAP		Ozoı	ne Class 1	Ozon	ne Class 2	2	HS	PP		TP
None Listed	İ													
INTERNATIO	NAL REGULATIONS	- The compo	onents of	this prod	luct are I	listed o	on the chem	ical inver	ntories of t	the follow	wing cou	untries:		
CHEMICAL N	NAME	Austi	ralia	Ca	anada	E	Europe (EIN	ECS)	Japa	n	K	Corea		UK
None Listed	j													
WHMIS Class	sification													
CHEMICAL N	NAME		DSL	Class	Descr	riptior	า							
Chelating A	gent		Yes	D-2B	Mater	rials (	Causing Ot	her Toxi	ic Effects	; Toxic	Materia	al		
DSCL (EEC)														
Code	Definition (R-Phrase	s / 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	Avoid contact with skin and eyes												
007/00	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	le le -		-4:										

S37/39

Wear suitable gloves and eye/face protection

#### SECTION – 16 OTHER INFORMATION

SDS	Legend Description		
ACGIH	American Conference of Governmental Industrial Hygienists	LD50	Dose that is lethal to 50% of a given species by a given route of exposure
CAS	Chemical Abstracts Service Registry	LEL	Lower Explosive Limit
CEIL	Ceiling Limit (15 minutes)	NA	Not Applicable
CERCL	Comprehensive Environmental Response, Compensation, and Liability Act	ND	Not Determined
EPA	Environmental Protection Agency	NE	Not Established
FBG	Full Bunker Gear	NFPA	National Fire Protection Association
HAP	California Hazardous air pollutant Clean Air Act	NIOSH	National Institute for Occupational Safety and Health
HMIS-A	Safety Glasses	NTP	National Toxicology Program
HMIS-B	Safety glasses, gloves	OSHA	Occupational Safety and Health Administration
HMIS-C	Safety glasses, gloves, chemical apron	PEL	Permissible Exposure Limit (OSHA)
HMIS-D	Face shield, gloves, chemical apron	PP	California Priority Pollutant under the Clean Water Act
HMIS-E	Safety glasses, gloves, dust respirator	REL	Recommended exposure limit (NIOSH)
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	Air concentration that is lethal to 50% of 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)
IARC	International Agency for Research on Cancer	UEL	Upper Explosive Limit
LC50	Air concentration that is lethal to 50% of a given species in a given time	WHMIS	Worker Hazardous Materials Information System (Canada)

#### **Magic Cast Products**

and nCites, L.L.C. have compiled the information herein from sources believed to be reliable and up-to-date, and is accurate to the best of our knowledge. However, we cannot give any guarantees regarding information from other sources or the completeness and expressly do not make warranties, nor assume any liability for its use. The information contained herein is provided for reference purposes only and is intended only for persons having relevant technical skills. Because conditions and manner of use are outside of our control, the user is responsible for determining the conditions of safe use of the product. Buyers and users assume all risk, responsibility and liability whatsoever from any and all injuries, losses, or damages to persons or property arising from the use of this product or information.

Supersedes Safety Data Sheet Dated