



# SAFETY DATA SHEET

Black Magic

Revision Date 12/27/2014

## SECTION - 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT NAME</b>	<b>Black Magic</b>	<b>PRODUCT USE</b>	Soldering Pickle	<b>ITEM</b>	986
<b>COMPANY NAME</b>	Magic Cast Products	<b>Office</b>	(870) 330-4061		
	3500 Tennessee Road	<b>Fax</b>	(870) 330-4065		
	Texarkana AR 71854	<b>Web</b>	<a href="http://www.magiccastproducts.com">www.magiccastproducts.com</a>		
<b>EMERGENCY TELEPHONE NUMBER</b>	<b>INFOTRAC</b>		<b>(800) 535-5053</b>		

## SECTION - 2 HAZARDS INFORMATION

PHYSICAL HAZARDS None  
 HEALTH HAZARDS EYES-Category 1. SKIN-Category 2, ACUTE TOXICITY-Category 4 (Oral)



Irritant (skin)  
 Respiratory Tract Irritant



Eye Damage

**DANGER!** Causes serious eye damage, Causes skin irritation, Harmful if inhaled, Harmful if swallowed, Do not get in eyes, on skin, or clothing, and avoid inhalation of dust, or fumes, Do not allow smoking or food consumption while handling, 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)

<u>CHEMICAL NAME</u>	<u>COMMON NAME AND SYNONYMS</u>	<u>CAS #</u>	<u>IMPURITIES</u>	<u>PERCENT</u>
Sodium Metabisulfite	Sodium Pyrosulfite	7681-57-4		70 - 100%

## 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

**SKIN CONTACT** Wash contaminated skin with plenty of water, 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, rinse mouth out and give one to two glasses of water to dilute and obtain immediate medical attention

**Aspiration Hazard** Not applicable

### ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

**Eyes** Causes serious eye irritation, redness, tearing, pain, or possible eye damage

**Skin** Can cause skin irritation, redness, burning, drying or cracking

**Inhalation** Harmful if inhaled, may cause severe allergic reactions, to asthmatics or "sulfite-sensitive" individuals, Dust can cause irritation, to mucus membranes or respiratory tract

**Ingestion** Harmful if swallowed, Can cause irritation, of the mouth, throat, and esophagus, Moderate acute toxicity if swallowed

### CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

**Eyes** Causes serious eye damage, severe pain, severe burns, or possible corneal injury

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

**Inhalation** Harmful if inhaled, may cause severe or possibly fatal allergic reactions, to asthmatics or "sulfite-sensitive" individuals, Dust can cause irritation, to mucus membranes or respiratory tract

**Ingestion** Harmful if swallowed, Causes irritation, of the mouth, throat, and esophagus, Symptoms may include, severe or possibly fatal allergic reactions, to asthmatics or "sulfite-sensitive" individuals

**SECTION – 5 FIRE FIGHTING MEASURES**

<b>Extinguishing Media</b>	Not flammable: Use extinguishing media for surrounding fire
<b>Hazardous Decomposition</b>	Burning or thermal decomposition can produce, sulfur dioxide, and other toxic fumes
<b>Reactive With</b>	Reactive with, strong oxidizing agents, strong acids, water, can produce toxic, sulfur dioxide gas
<b>Explosion Hazards</b>	Not applicable
<b>Static Discharge</b>	Not applicable
<b>Mechanical Impact</b>	Not applicable
<b>Protective Equipment</b>	Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear

<b>FLAMMABLE LIQUIDS HAZARD CLASSIFICATION</b>	
Criteria	Flash point > 93.3°C (200°F)
NFPA Class	III B
GHS	Not applicable
WHMIS	Not applicable

<b>NFPA HAZARD RATINGS</b>	
Health	2
Flammability	0
Reactivity	0
Personal Protection	FBG

**SECTION – 6 ACCIDENTAL RELEASE MEASURES**

<b>Emergency Procedures</b>	Warn personnel to move away and stay upwind from spill
<b>Personal Precautions</b>	Ventilate area
<b>Protective Equipment</b>	Safety Glasses, Gloves, Dust Respirator
<b>Containment</b>	Prevent spill from spreading or entering the environment
<b>Clean Up Procedures</b>	Sweep up material and place in a disposal container
<b>Disposal</b>	Dispose of material in accordance with all State and Federal Guidelines and Regulations

**SECTION – 7 HANDLING AND STORAGE**

<b>Handling</b>	Keep away from incompatible materials, Use appropriate safety equipment, and adequate ventilation, Avoid eye and skin contact, Avoid inhalation of dust, Harmful if inhaled, Harmful if swallowed, Do not allow smoking and food consumption while handling, Wash thoroughly after handling, Avoid release to the environment
<b>Storage</b>	KEEP OUT OF REACH OF CHILDREN, Keep container closed when not in use, Store away from incompatible materials
<b>Incompatible Materials</b>	Incompatible with, strong oxidizing agents, strong acids, can produce toxic, sulfur dioxide gas

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

CHEMICAL NAME	ACGIH (TWA 8)	ACGIH (STEL)	OSHA PEL (TWA 8)	OSHA (CEIL)	Significant Exposure
Sodium Metabisulfite	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>			Respiratory

**PERSONAL PROTECTIVE EQUIPMENT**



Chemical Safety Glasses, Goggles or Face Shield



Impervious Chemical Gloves



Dust Mask



Eye Wash (Recommended)



**Ventilation**

Ventilate to keep dusts of this material below the lowest ppm listed above. If over Threshold Limit Value use NIOSH approved High-efficiency particulate respirator with full facepiece.

The safety equipment information supplied is for general use and may not insure complete safety for the user. Circumstances may require additional or more specific safety equipment.

Use "only" in well ventilated areas. Sodium Metabisulfite can release irritating and toxic Sulfur Dioxide gas during use.

**HMIS HAZARD RATINGS**

Health	2
Flammability	0
Reactivity	0
Personal Protection	E

**SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES**

Flash Point	Not Flammable	Specific Gravity / Relative Density	1.48
Flammable Limits	ND	Molecular Weight	ND
Auto-Ignition Temp.	ND	Initial Boiling Point	ND
Physical State	Solid	Boiling Range	ND
Appearance	Fine White Granular	Vapor Pressure	ND
Odor	Pungent Sulfur Dioxide	Vapor Density	ND
Odor Threshold	ND	Freeze Point	ND
Solubility	39%	Melting Point	ND
Volatiles	NA	Partition Coefficient	ND
VOC	NA	Decomposition Temperature	ND
pH (± 0.3)	4.3 (1% Solution)	Evaporation Rate	ND

**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, water, can produce toxic, sulfur dioxide gas
Thermal Decomposition	Burning or thermal decomposition can produce, sulfur dioxide, and other toxic fumes

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

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

**ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE**

Eyes	Causes serious eye irritation, redness, tearing, pain, or possible eye damage
Skin	Can cause skin irritation, redness, burning, drying or cracking
Inhalation	Harmful if inhaled, may cause severe allergic reactions, to asthmatics or "sulfite-sensitive" individuals, Dust can cause irritation, to mucus membranes or respiratory tract
Ingestion	Harmful if swallowed, Can cause irritation, of the mouth, throat, and esophagus, Moderate acute toxicity if swallowed

**CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE**

Eyes	Causes serious eye damage, severe pain, severe burns, or possible corneal injury
Skin	Causes serious skin irritation, redness, burning, drying or cracking
Inhalation	Harmful if inhaled, may cause severe or possibly fatal allergic reactions, to asthmatics or "sulfite-sensitive" individuals, Dust can cause irritation, to mucus membranes or respiratory tract
Ingestion	Harmful if swallowed, Causes irritation, of the mouth, throat, and esophagus, Symptoms may include, severe or possibly fatal allergic reactions, to asthmatics or "sulfite-sensitive" individuals

Acute Tox Calculated Oral: 1,131 mg/kg Dermal: 2,001 mg/kg Inhaled: mg/L

Acute Tox Category Category 4 (Oral >300, ≤2000 mg/kg), "Not applicable (Dermal > 2,000 mg/kg)", "No data available (Inhaled)"

Additional Info Chronic overexposure symptoms may include, sweating, flushing, hives, breathing difficulties, rapid heart rate, decreased blood pressure

Target Organs Respiratory Tract, Eyes (Lens or cornea), Skin

Medical Conditions Preexisting, eye, skin, respiratory, 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				

**MUTAGENIC AND REPRODUCTIVE EFFECTS – May cause fetal and reproductive abnormalities.**

CHEMICAL NAME	Germ Cell Mutagenicity	Toxic to Reproduction
None Listed		

**SECTION – 11 TOXICOLOGICAL INFORMATION - CONTINUED**

<u>ACUTE TOXICITY</u>	<u>Type</u>	<u>Form</u>	<u>Subject</u>	<u>Result Value</u>	<u>Exposure Time</u>	<u>GHS Category</u>
Sodium Metabisulfite	LD50	Oral	Rat	1131 mg/kg		4 (>300, ≤2000 mg/kg)
	LD50	Dermal	Rat	> 2000 mg/kg		(>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 Metabisulfite		Rainbow Trout	(Oncorhynchus mykiss)	150 mg/L	96 Hours	4 (>100 mg/L)
		Water Flea	(Daphnia magna)	89 mg/L	24 Hours	3 (>10, ≤100 mg/L)
Presistence And Degradability	Chemical Oxygen Demand (COD) 168 mg/g					
Bioaccumulative Potential	No data available					
Mobility In Soil	No data available					
Other Adverse Effects	Harmful to aquatic life					

**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.

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.

**SECTION – 14 TRANSPORT INFORMATION****D.O.T. CLASSIFICATION**

<u>UN Number</u>	<u>Proper Shipping Name</u>				
Not Regulated	Non Hazardous – Compounds Cleaning Solid				
<u>Hazard Class</u>	<u>Packing Group</u>	<u>Label Codes</u>	<u>Reportable Quantity (lbs)</u>	<u>Response Code</u>	<u>Marine Pollutant</u>
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
Sodium Metabisulfite	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 Metabisulfite	Yes	Yes					

**RIGHT TO KNOW**

CHEMICAL NAME	STATE												
	CA	CT	FL	IL	LA	NJ	NY	PA	MI	MN	MA	RI	WI
Sodium Metabisulfite						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**

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 Metabisulfite	Yes	Yes	Yes	Yes	Yes	Yes

**WHMIS Classification**

CHEMICAL NAME	DSL	Class	Description
Sodium Metabisulfite	Yes	D-2B	Materials Causing Other Toxic Effects; Toxic Material

**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
S27	Take off immediately all contaminated clothing
S38	In case of insufficient ventilation wear suitable respiratory equipment
S61	Avoid release to the environment
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
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection

**SECTION – 16 OTHER INFORMATION****SDS Legend Description**

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