

# SOCAR CHEMICAL COMPANY INC.

2609 RUTHERFORD RD

GREENVILLE SC 29609

864-244-5068

REVISION DATE: 04-28-14

\*\*HAZARD RATING\*\*

HEALTH: 0

FIRE: 1

REACTIVITY: 0

## I. IDENTIFICATION

PRODUCT NAME: METAL MAGIC

CHEMICAL NAME: HARD SURFACE COMPOUND CLEANER

FORMULA: TRADE SECRET

SYNONYMS: HARD SURFACE COMPOUND

CAS# AND NAME: TRADE SECRET 64742-88-7 HYDROCARBON SOLVENT

## II. PHYSICAL DATA

BOILING POINT: 374°F

FREEZING POINT: NA

SPECIFIC GRAVITY (H<sub>2</sub>O=1): 0.9896

VAPOR DENSITY (AIR=1): 4.7

SOLUBILITY IN WATER BY WT: SLIGHT

EVAPORATION RATE (BUTYL ACETATE=1): 0.15 (100% EVAPORATION WITH NO RESIDUE)

APPEARANCE & ODOR: GREEN COLOR WITH SLIGHT HYDROCARBON ODOR

PERCENT VOLATILES (BY VOLUME): 12-15%

### EMERGENCY PHONE NUMBERS:

MONDAY THROUGH FRIDAY 8:30am TO 4:00pm 864-244-5068

ALL OTHER HOURS 864-268-4340

### \*\*\*HAZARD RATING SCALE\*\*\*

0=MINIMAL

1=SLIGHT

2=MODERATE

3=HIGH

4=SERIOUS

5=SEVERE

### DOT CLASSIFICATION:

NON-REGULATED

## III. INGREDIENTS

MATERIAL (COMPLEX)	%	EXPOSURE LIMITS	HAZARD
C9-C12 HYDROCARBON	100%	ORAL 25ml/kg DERMAL 4ml/kg INHALATION 700ppm/4h	RAT 2 RABBIT RAT

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**IV. FIRE AND EXPOSURE HAZARD DATA**

**FLASH POINT:** 108°F

**FLAMMABLE LIMITS IN AIR, % BY VOLUME: LOWER:** 1  
**UPPER:** 7

**EXTINGUISHING MEDIA:** USE WATER FOAM DRY CHEMICAL OR CO2. DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNED ON SURFACE OF WATER.

**SPECIAL FIRE FIGHTING PROCEDURES:** CAUTION COMBUSTIBLE DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS) INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILD UP WHICH COULD RESULT IN CONTAINER RUPTURE.

**V. HEALTH HAZARD**

**EXPOSURE LIMITS:** OSHA PEL/TWA 100ppm ACGIH IVA/TWA 100ppm

**EFFECTS OF ACCUTE OVEREXPOSURE:**

**SWALLOWING:** LOW ORDER OF TOXICITY. CAUSES IRRITATION OF THE STOMACH AND INTESTINES, RESULTING IN NAUSEA & VOMITING.

**SKIN ABSORPTION:** ASPIRATION PNEUMONTIS MAY BE EVIDENCED BY COUGHING, LABORED BREATHING.

**INHALATION:** VAPOR MAY CAUSE IRRITATION TO NOSE, THROAT, AND RESPIRATORY TRACT. HIGH VAPORS MAY RESULT IN CNS DEPRESSION.

**SKIN CONTACT:** LIQUID IS SLIGHTLY IRRITATING TO THE SKIN. PROLONGED OR REPEATED CONTACT CAN RESULT IN DEFATTING AND DRYING OF THE SKIN WHICH MAY RESULT IN SKIN IRRITATION AND DERMATTIS.

**EYE CONTACT:** LIQUID IS PRACTICALLY NON IRRITATING TO THE EYES.

**EFFECTS OF REPEATED OVEREXPOSURE:** CNS DEPRESSION EVIDENCED BY HEADACHE, DIZZINESS, NAUSEA, and ASPIRATION PNUMONITS.

**MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:** PRE-EXISTING EYE, SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

**EMERGENCY AND FIRST AID PROCEDURES:**

**SWALLOWING:** DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. GET MEDICAL ATTENTION.

**SKIN:** REMOVE CONTAMINATED CLOTHING/SHOES. FLUSH SKIN WITH WATER FOLLOW BY WASHING WITH SOAP. IF IRRITATION OCCURS GET MEDICAL ATTENTION.

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**INHALATION:** REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING.

**EYES:** FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.

**NOTES TO PHYSICIAN:** IF MORE THAN 2.0ml/kg HAVE BEEN INGESTED AND VOMITING HAS NOT OCCURRED, EMESIS SHOULD BE INDUCED WITH SUPERVISION.

#### **VI. REACTIVITY DATA**

**STABILITY:** STABLE

**CONDITIONS TO AVOID:** HEAT FLAME AND CONTACT WITH STRONG OXIDENTS

**HAZARDOUS COMBUSTIONS OR DECOMPOSITION PRODUCTS:** CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

**CONDITIONS TO AVOID:** NONE

#### **VII. SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** CONTAIN SPILL AND SALVAGE RETAINED MATERIAL.

**WASTE DISPOSAL METHOD:** DISPOSE IN COMPLIANCE WITH FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.

#### **VIII. SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:** NOT REQUIRED

**VENTILATION:** USE ADEQUATE VENTILATION

**PROTECTIVE GLOVES:** SUGGESTED USE OF RUBBER GLOVES AS GOOD PRACTICE

**EYE PROTECTION:** AVOID CONTACT WITH EYES, WEAR SAFETY GLASSES

**OTHER PROTECTIVE EQUIPMENT:** NA

#### **VIII. SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** KEEP LIQUID AND VAPOR AWAY FROM HEAT, SPARKS, AND FLAME.

#### **IX. REGULATORY INFORMATION**

**STATUS ON SUBSTANCE:** THE CONCENTRATIONS SHOWN ARE MAXIMUM OR CEILING LEVELS (WEIGHT %) TO BE USED FOR CALCULATIONS FOR REGULATIONS. TRADE SECRETS ARE INDICATED BY "TS".

**FEDERAL EPA:** COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980 (CERCLA) REQUIRES NOTIFICATION OF THE NATIONAL RESPONSE CENTER OF RELEASE OF QUANTITIES OF HAZARDOUS SUBSTANCES EQUAL TO OR GREATER THAN THE REPORTABLE QUANTITIES (RQS) IN 40 CFR 302.4