



# MATERIAL SAFETY DATA SHEET

## 1.- COMPANY AND PRODUCT IDENTIFICATION

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**PRODUCT NAME:** MYTHIC WHEEL CLEANER  
**CAS NUMBER:** N/A  
**PRODUCT DESCRIPTION:** EMULSION OF PETROLEUM DISTILLATES  
**CONTACT ADDRESS:** *Artlux, S. A. de C. V.*  
ACCESO II CALLE 3 #5  
ZONA INDUSTRIAL BENITO JUÁREZ  
C. P. 76120, QUERÉTARO, QRO., MÉXICO  
**EMERGENCY PHONE NUMBER:** (442) 3093200

## 2.- HAZARDOUS INGREDIENTS

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HAZARDOUS INGREDIENTS:

Name	CAS Number	Percentage
Hydrotreated petroleum distillates	64742-47-8	3 – 10 %
Ethylene glycol butyl ether	111-76-2	3 – 10 %
1,1-difluoro-ethane	75-37- 6	15 – 35 %

## 3.- CHEMICAL AND PHYSICAL PROPERTIES

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APPEARANCE	LIQUID
COLOR PT-CO	YELLOW
SPECIFIC GRAVITY	0.965 g/ml
FLASH POINT	57 °C
BOILING POINT	60 °C
PH	1.75
VAPOR PRESSURE (mmHg)	N/D
WATER SOLUBILITY	SOLUBLE

## **4.- HEALTH HAZARD INFORMATION**

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### **MAIN HAZARDS:**

- CAN CAUSE EYE AND SKIN IRRITATION.
- CONTENTS UNDER PRESSURE, KEEP AWAY FROM HEAT AND FLAMES.
- DO NOT INCINERATE, PUNCTURE OR KEEP CONTAINER AT TEMPERATURES HIGHER THAN 50°C

### **HEALTH HAZARDS**

EXPOSURE TO THIS PRODUCT CAN OCCUR THROUGH INHALATION, INGESTION, AND SKIN AND EYE CONTACT.

### **POTENTIAL HEALTH EFFECTS, SKIN**

SIGNIFICANT EFFECTS ARE NOT EXPECTED BECAUSE OF SHORT-TERM EXPOSURE.

PROLONGED OR REPEATED CONTACT WITH GREAT QUANTITIES OF THIS PRODUCT MAY RESULT IN REDNESS AND SKIN IRRITATION. PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY PRESENT REDNESS, IRRITATION AND DERMATITIS.

### **POTENTIAL HEALTH EFFECTS, EYES**

MAY CAUSE MILD IRRITATION AND TEARING. PROLONGED OR REPEATED EXPOSURE MAY CAUSE IRRITATION.

### **POTENTIAL HEALTH EFFECTS, INHALATION**

BREATHING SMALL QUANTITIES DURING HANDLING IS NOT EXPECTED TO CAUSE NEGATIVE EFFECTS. BREATHING GREAT QUANTITIES OF MISTS OF VAPORS MAY BE HARMFUL. EXPOSURE TO LARGE QUANTITIES OF VAPORS OR MISTS COULD CAUSE RESPIRATORY TRACT IRRITATION, HEADACHE, DIZZINESS, SLEEPINESS, UNCONSCIOUSNESS AND CENTRAL NERVOUS SYSTEM EFFECTS.

### **POTENTIAL HEALTH EFFECTS, INGESTION**

INGESTION OF LARGE QUANTITIES MAY CAUSE GASTROINTESTINAL IRRITATION. ASPIRATION OF THIS PRODUCT THROUGH INGESTION OR VOMIT MAY CAUSE LUNG DAMAGE.

## **5.- FIRST AID**

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**EYE CONTACT:** IMMEDIATELY WASH EYES WITH PLENTY WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

**SKIN CONTACT:** IMMEDIATELY WASH SKIN WITH PLENTY OF NEUTRAL SOAP AND WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. WASH CLOTHING SEPARATELY BEFORE REUSE. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

**INHALATION:** REMOVE PERSON TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET IMMEDIATE MEDICAL ATTENTION.

**INGESTION: DO NOT** INDUCE VOMITING. GIVE AT LEAST 3-4 GLASSES OF WATER. GET IMMEDIATE MEDICAL ATTENTION.

***NEVER GIVE ANYTHING IN THE MOUTH TO AN UNCONSCIOUS PERSON.***

## 6.- FIRE AND EXPLOSION INFORMATION

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### FLAMMABILITY CATEGORY

NFPA 30: AEROSOL LEVEL 1  
FLAME EXTENSION: 0"  
NON FLAMMABLE(16 CFR 1500.45)

**FLASH POINT:** 57 °C

**FLAMMABILITY LIMITS IN AIR, LOWER, % BY VOLUME:** N/D

**FLAMMABILITY LIMITS IN AIR, UPPER, % BY VOLUME:** N/D

**EXTINGUISHING MEDIA:** ALCOHOL FOAM, CO<sub>2</sub>, DRY CHEMICAL FOAM, WATER FOG.

**PERSONAL PROTECTION:** FIREFIGHTERS MUST WEAR NIOSH APPROVED POSITIVE PRESSURE BREATHING APPARATUS (SCBA) WITH FULL FACE MASK AND FULL PROTECTIVE EQUIPMENT.

**SPECIAL FIREFIGHTING PROCEDURES:** COOL CONTAINERS EXPOSED TO FIRE DURING AND AFTER FIRE TO PREVENT EXPLOSIONS. WATER STREAMS OF WATER WATER RUNOFF CAN CAUSE ENVIRONMENTAL DAMAGE. DIKE AND COLLECT WATER USED TO FIGHT FIRE. WATER

**HAZARD COMBUSTION PRODUCTS:** CO<sub>x</sub> AND OTHER INCOMPLETE COMBUSTION PRODUCTS.

## 7.- ACCIDENTAL SPILLS OR LEAKS

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### PROCEDURE IN CASE OF SPILLS OR LEAKS

THE FOLLOWING STEPS SHOULD BE FOLLOWED IN CASE MATERIAL IS RELEASED OR SPILLED: PERSON NOT WEARING PROTECTIVE EQUIPMENT AND CLOTHING SHOULD BE RESTRICTED FROM CONTAMINATED AREAS UNTIL HAS BEEN COMPLETED.

1. DO NOT TOUCH THE SPILLED MATERIAL; STOP THE LEAK IF IT IS POSSIBLE TO DO SO WITHOUT RISK.
2. NOTIFY SAFETY PERSONNEL.
3. REMOVE ALL SOURCES OF HEAT AND IGNITION.
4. VENTILATE POTENTIALLY EXPLOSIVE ATMOSPHERES USING MAXIMALLY EXPLOSION-PROOF EQUIPMENT.
5. USE NONSPARKING TOOLS FOR CLEANUP.
6. WATER SPRAY MAY BE USED TO REDUCE VAPORS, BUT THE SPRAY MAY NOT PREVENT IGNITION IN CLOSED SPACES.
7. FOR SMALL LIQUID SPILLS, TAKE UP WITH SAND OR OTHER NONCOMBUSTIBLE ABSORBENT MATERIAL AND PLACE INTO CLOSED CONTAINERS FOR LATER DISPOSAL.

FOR LARGE LIQUID SPILL, BUILD DIKES FAR AHEAD OF THE SPILL TO CONTAIN THE MATERIAL FOR LATER RECLAMATION OR DISPOSAL

### DISPOSAL

CARE MUST BE TAKEN WHEN USING OR DISPOSING OF CHEMICAL MATERIALS AND/OR THEIR CONTAINERS TO PREVENT ENVIRONMENTAL CONTAMINATION.

DISPOSAL CAN OCCUR ONLY IN PROPERLY PERMITTED FACILITIES. CHECK STATE AND LOCAL REGULATIONS FOR ANY ADDITIONAL REQUIREMENTS AS THESE MAY BE MORE RESTRICTIVE THAN FEDERAL LAWS AND REGULATIONS. CHEMICAL ADDITIONS, PROCESSING OR OTHERWISE ALTERING THIS MATERIAL MAY MAKE THE WASTE MANAGEMENT INFORMATION PRESENTED IN THIS MSDS INCOMPLETE, INACCURATE OR OTHERWISE INAPPROPRIATE. DISPOSAL OF THIS MATERIAL MUST BE CONDUCTED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

## 8.- HANDLING AND STORAGE

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**STORAGE PROCEDURES:** KEEP CONTAINERS IN A FRESH, DRY PLACE. KEEP AWAY FROM HEAT, SPARKS OR FLAMES. DO NOT STORE AT TEMPERATURES ABOVE 120 °F. CONTAINERS MAY EXPLODE IF EXPOSED TO HIGH TEMPERATURES OR HEAT.

DO NOT EAT, DRINK OR SMOKE IN STORAGE AREAS.

**HANDLING:** KEEP OUT OF THE REACH OF CHILDREN. AVOID BREATHING VAPORS OR FUMES, AVOID EYE OR SKIN CONTACT. USE WITH ADEQUATE VENTILATION. WASH HANDS AFTER HANDLING. OBEY LABEL INSTRUCTIONS UNTIL CAN IS DESTROYED.

## 9.- EXPOSURE CONTROL/PERSONAL PROTECTION

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**VENTILATION:** USE LOCAL VENTILATION.

**SKIN PROTECTION:** NOT NECESSARY UNDER NORMAL USE.

**EYE PROTECTION:** NOT NECESSARY UNDER NORMAL USE.

**RESPIRATORY PROTECTION:** NOT NECESSARY UNDER NORMAL USE.

## 10.- REACTIVITY AND STABILITY

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**STABILITY:** THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

**INCOMPATIBILITY:** AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR UNDER NORMAL CONDITIONS.

**CONDITIONS TO AVOID:** HEAT, SPARKS, OPEN FLAMES, HOT GLOWING SURFACES OR ELECTRIC ARCS.

## 11.- TOXICITY INFORMATION

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PETROLEUM DISTILLATES  
NOT DETERMINED

ETHYLENE GLYCOL BUTYL ETHER  
ORAL RAT LD50: 470 MG/KG  
INHALATION RAT LC50: 450PPM/4H  
SKIN RABBIT LD50: 220 MG/KG

1,1 DIFLUOROETHANE  
NOT DETERMINED

## 12.- EXPOSURE LIMITS

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PETROLEUM DISTILLATES  
1200 mg/m<sup>3</sup> (TWA)

ETHYLENE GLYCOL BUTYL ETHER  
50 PPM SKIN OSHA (PEL)  
20 PPM ACGIH (TWA)

1,1 DIFLUOROETHANE  
NOT DETERMINED

*TWA* : Time Weighted Average

*STEL* : Short Term Exposure Limit

*OSHA*: Occupational Safety & Health Administration

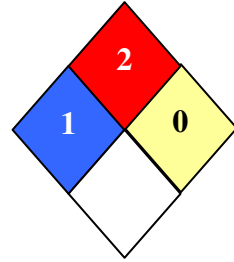
*NIOSH*: National Institute for Occupational Safety and Health

HS  
Rev.: 00

### 13.- SIGNAL AND LABEL INFORMATION

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**NFPA CODE:** HEALTH: 1; FIRE: 2; REACTIVITY: 0.  
**HMIS CODE:** HEALTH: 1; FIRE: 2; REACTIVITY: 0.



#### PRECAUTION LABELS

#### WARNING

- CONTENTS UNDER PRESSURE
- CONTACT WITH THIS PRODUCT MAY IRRITATE SKIN AND EYES.
- INHALATION OF VAPORS MAY CAUSE DIZZINESS AND IRRITATION.

### 14.- SHIPPING INFORMATION

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#### U.S. Department of Transportation (DOT) 49 – CFR 172 General Transportation Information for Shipments

Shipping name: Aerosol, non-flammable, n.o.s. Contains petroleum distillates. (Consumer Commodity, ORM-D may be used for ground transportation within the USA)  
UN Number: 1950  
Class/Division: 2.2  
Packing Group (PG): N/A  
Label: CONTENTS UNDER PRESSURE

### 15.- ADDITIONAL INFORMATION

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THE INFORMATION PRESENTED HEREIN IS BASED ON DATA CONSIDERED TO BE ACCURATE TO THE DATE OF PREPARATION OF THIS MATERIAL SAFETY DATA SHEET. HOWEVER, A MSDS MAY NOT BE USED AS A COMMERCIAL SPECIFICATION SHEET OF MANUFACTURER OR SELLER, AND NO WARRANTY OR REPRESENTATION, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY OR COMPREHENSIVENESS OF THE FOREGOING DATA AND SAFETY INFORMATION, NOR IS ANY AUTHORIZATION GIVEN OR IMPLIED TO PRACTICE ANYA PATENTED INVENTION WITHOUT AL ICENSE.

Last revision: May 2009