Winsol Laboratories encourages and expects users to read and understand the entire SDS, as well as the product label, as there is important information throughout these documents. It is expected that users follow the precautions identified in this document unless circumstances or conditions require other appropriate methods or actions.

### SECTION 1- PRODUCT IDENTIFICATION

 PRODUCT NAME:
 Cooley Magic 2

 PRODUCT CODE:
 19056

 SYNONYMS:
 Product is a mixture: No synonyms are available.

 PRODUCT USE:
 Cleaning product.

RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:

**RECOMMENDED USE:** ......Remove ink from eradicable sign and awning substrates. **USES ADVISED AGAINST:**.....Use only as stated on label.

### **SECTION 2 – HAZARD IDENTIFICATION**

CLASSIFICATION:	Physical, Flammable liquids, 2 Health, Serious Eye Damage/Eye Irritation, 2 A Health, Specific target organ toxicity – Single exposure, 3
LABEL ELEMENTS:	The product is classified and labeled according to the Globally Harmonized System (GHS)
SIGNAL WORD:	DANGER
HAZARD STATEMENTS:	<ul> <li>H225 Highly flammable liquid and vapor</li> <li>H319 Causes serious eye irritation.</li> <li>H336 May cause drowsiness or dizziness</li> </ul>
PRECAUTIONARY STATEMENTS: .	<ul> <li>P102 Keep out of reach of children.</li> <li>P202 Do not handle until all safety precautions have been read and understood.</li> <li>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</li> <li>P240 Ground/bond container and receiving equipment.</li> <li>P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.</li> </ul>

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#### **PRECAUTIONARY STATEMENTS (CONTINUED):**

P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fumes/gas/mist/vapors/spray. P264 Wash exposed skin thoroughly after handling. P271 Use only outdoors or in well-ventilated area. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301 + P313 + P331 IF SWALLOWED: Get medical advice/attention. Do NOT induce vomiting. P303 + P361 + P353 IF ON SKIN (or hair): Remove/ take off immediately all contaminated clothing. Rinse skin with water/ shower. P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a POISON CENTER or doctor/physician if you feel unwell. P337 + P313 If eye irritation persists: Get medical advice/attention. P370 + P378 In case of fire: Use dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2) to extinguish. P403 + P233 Store in a well ventilated place. Keep container tightly closed. P403 + P235 Store in a well ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/container in accordance with local/ regional/ national/ international regulations.

## SECTION 3 – COMPOSITON/INFORMATION ON INGREDIENTS

### CHEMICAL CHARACTERIZATION:... Mixtures

**DESCRIPTION:** ...... Mixture of the substances listed below with nonhazardous additions.

DANGEROUS COMPONENTS	PERCENT	CAS #	Trade Secret
Acetone (2-Propanone)	50-100%	67-64-1	*
2-butanone	10-25%	78-93-3	*

\*The exact percentage (or concentration) of ingredients has been withheld as a trade secret.

Composition Comments: Components and trace elements not listed are either non-hazardous or are below reportable limits.

#### SECTION 4 – FIRST AID MEASURES

#### DESCRIPTION OF FIRST AID MEASURES:

- **SWALLOWING (INGESTION)**:.......Rinse mouth with water. Immediately after ingestion: give lots of water to drink. Do not give milk/oil to drink. Do not induce vomiting. Give activated charcoal. Call Poison Control. Consult a doctor/ medical service if you feel unwell. Ingestion of large quantities: immediately to hospital. Doctor: gastric lavage.
- SKIN CONTACT:......Wash immediately with lots of water. Soap may be used. Do not apply (chemical) neutralizing agents. Remove clothing before washing. Take victim to a doctor if irritation persists.

**INHALATION:** ......Supply fresh air. If symptoms persist, consult a doctor.

- EYE CONTACT:......Rinse for several minutes under running water, keeping eyelids open. Remove contact lenses if easy to do. Do not apply neutralizing agent. If symptoms persist, consult a doctor.
- **MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:** Not expected to present a significant hazard under anticipated conditions of normal use.
- **SWALLOWING (INGESTION)**:......Dry/sore throat. Risk of aspiration pneumonia. Symptoms similar to the listed under inhalation. AFTER ABSORPTION OF LARGE QUANTITIES: Irritation of the gastric/ intestinal mucosa. Change in the blood composition. Change in urine output. Renal disease. Enlargement/ disease of liver.

**SKIN CONTACT:** .....ON CONTINUOUS EXPOSURE/CONTACT: Dry skin. Cracking of skin.

- **EYE CONTACT:**.....Irritation of eye tissue.
- **CRONIC SYMPTOMS:**.....ON CONTINUOUS EXPOSURE/CONTACT: Red skin. Skin rash/ inflammation. Dry/sore throat. Headache. Nausea. Feeling of weakness. Loss of weight. Possible inflammation of the respiratory tract.

#### SECTION 5 – FIRE FIGHTING MEASURES

#### EXTINGUISHING MEDIA:

**SUITABLE:**.....Preferably: alcohol resistant foam. Water spray. Polyvalent foam. Alcohol-resistant foam. Carbon dioxide (CO2).

UNSUITABLE:.....Solid water jet ineffective as extinguishing medium.

#### SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

- **FIRE HAZARD:**.....DIRECT FIRE HAZARD: Highly flammable. Gas/vapor flammable with air within explosion limits. INDIRECT FIRE HAZARD: May be ignited by sparks. Gas/vapor spreads at floor level: ignition hazard. Reactions involving a fire hazard: see "Reactivity Hazard".
- **EXPLOSION HAZARD:** .....DIRECT EXPLOSION HAZARD: Gas/vapor explosive with air within explosion limits. INDIRECT EXPLOSION HAZARD: Heat may cause pressure rise in tanks/drums: explosion risk. May be ignited by sparks. Reactions with explosion hazards: see "Reactivity Hazard".
- **REACTIVITY:** ......Upon combustion: CO and CO2 are formed. Violent to explosive reaction with many compounds. Prolonged storage: on exposure to light: release of harmful gases/vapors. Reacts violently with (strong) oxidizers: peroxidation resulting in increased fire or explosion risk.

#### SPECIAL PROTECITVE EQUIPMENT

AND PRECAUTIONS FOR FIRE FIGHTERS: Self-contained breathing apparatus and protective clothing are required. Cool the intact fire-exposed containers with water spray and remove them. Physical explosion risk: extinguish/cool from behind cover. Do not move the load if exposed to heat. After cooling: persistent risk of physical explosion.

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT

AND EMERGENCY PROCEDURES: .. Use personal protection equipment as indicated in Section 8, in order to avoid contact with spilled product. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Isolate and signalize area. Keep heat and/or ignition sources away. Keep unprotected persons away.

**ENVIRONMENTAL PRECAUTIONS:.** Prevent product from entering into soil and waterways. Notify the competent authorities if the product has run into drainage systems or watercourse or has contaminated the ground or vegetation.

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## METHODS AND MATERIALS FOR

**CONTAINMENT AND CLEAN UP: ...** Contain and dike spilled product with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Eliminate ignition or heat sources. Ensure adequate ventilation. Transfer to proper container. See Section 7 for information on safe handling. Collect remnants with an appropriate absorbent material. Wash the contaminated surface with water, which should be collected for disposal. See Section 13 for disposal information.

PAC-1:		
67-64-1	Acetone (2-Propanone)	200 ppm
78-93-3	2-butanone	200 ppm

PAC-2:		
67-64-1	Acetone (2-Propanone)	3200* ppm
78-93-3	2-butanone	2700* ppm

PAC-3:		
67-64-1	Acetone (2-Propanone)	5700* ppm
78-93-3	2-butanone	4000* ppm

### SECTION 7 – HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING:** Remove contaminated clothing immediately. Clean contaminated clothing. Handle uncleaned empty containers as full ones. Thoroughly clean/dry the installation before use. Do not discharge the waste into the drain. Do not use compressed air for pumping over. Use spark/explosion proof appliances and lighting system. Take precautions against electrostatic charges. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Avoid prolonged and repeated contact with skin. Keep container tightly closed. Measure the concentration in the air regularly. Work under local exhaust/ventilation.

HYGIENE MEASURES: ......Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

**CONDITIONS FOR SAFE STORAGE:** Keep only in the original container in a cool, well ventilated place away from: heat sources, direct sunlight, and incompatible materials. Keep container tightly closed when not in use.

INCOMPATIBILITIES:.....Avoid contact with: Strong bases. Strong Acids. Sources of ignition. Direct sunlight.

PACKAGING MATERIAL: ......SUITABLE MATERIAL: Steel. Stainless steel. Carbon steel. Aluminum. Iron. Copper. Nickle. Bronze. Glass. MATERIAL TO AVOID: synthetic material.

#### SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION (based on 100% raw materials)

TLV (THRESHOLD LIMIT VALUE): ... The ACGIH/TLV-TWA (threshold limit value/time weighted average concentration for an eight hour work day). The STEL is the short term exposure limit.

#### **CONTROL PARAMETERS:**

Components with workplace control parameters:	Components	with	workplace	control	parameters:
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COMPONENT	PEL LTV	REL-STV	REL-LTV	STEL	TLV-TWA	IDLH
	(OSHA)	(NIOSH)	(NIOSH)	(ACGIH)	(ACGIH)	
67-64-1	1000 ppm;	Not	250 ppm;	500 ppm;	250 ppm;	2500 ppm;
Acetone	$2400 \text{ mg/m}^3$	Established	590 mg/m <sup>3</sup>	1187 mg/m <sup>3</sup>	$594 \text{ mg/m}^3$	
(2-Propanone)			-	-		
78-93-3	200 ppm;	300 ppm;	200 ppm;	300 ppm;	200 ppm;	Not
2-butanone	590 mg/m <sup>3</sup>	885 mg/m <sup>3</sup>	590 mg/m <sup>3</sup>	885 mg/m <sup>3</sup>	590 mg/m <sup>3</sup>	Established

#### **Biological occupational exposure limits:**

COMPONENT	Basis.	Parameters	Value	Biological specimen	Time
67-64-1	ACGIH – Biological	Acetone	50 mg/L	Urine	End of shift
Acetone (2-Propanone)	Exposure Indices (BEI)	(nonspecific)			
78-93-3	ACGIH – Biological	Methyl Ethyl	2 mg/L	Urine	End of shift
2-butanone	Exposure Indices (BEI)	Ketone (MEK)			

### PERSONAL PROTECTIVE EQUIPMENT:

Safety glasses. Gloves. Protective clothing. Face shield. High gas/vapor	concentration:
gas mask with filter type A.	

**MATERIALS FOR PROTECTIVE CLOTHING:** Impervious clothing. Flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

- .....GIVE EXCELLENT RESISTANCE: No data available.
- ......GIVE GOOD RESISTANCE: butyl rubber. Tetrafluoroethylene.

- **EYE PROTECTION:**......Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH.
- SKIN PROTECTION: ...... Head/neck protection. Protective clothing.
- HAND PROTECTION:......Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws. Wash and dry hands.

**RESPIRATORY PROTECTION:** ......... Wear gas mask with filter type A if conc. in air > exposure limit.

VENTILATION: ..... Ensure adequate ventilation.

**REQUIRED WORK/HYGIENE:** ........ Wash hands thoroughly after handling. Keep away from all food stuffs, beverages and feed. Do not eat, drink or smoke during use.

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## CONTROL OF ENVIRONMENTAL EXPOSURE:

......Prevent further leakage or spillage, if safe to do so. Do not let product enter drains.

### **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:Form: Liquid, clear.
Color: Colorless
ODOR:Ketone like.
ODOR THRESHOLD: Not determined.
pH:Not determined.
MELTING POINT/RANGE:Not determined.
FREEZING POINT:Not determined.
BOILING POINT/RANGE:55.8-56.6°C (132-134 °F)
FLASHPOINT:19°C (-2 °F)
EVAPORATION RATE: Faster than (n-Butyl Acetate)
FLAMMABILITY (SOLID/GAS): Not applicable.
IGNITION TEMPERATURE:465 °C (869 °F)
DECOMPOSITION TEMPERATURE: Not determined.
AUTO-IGNITING:Product is not selfigniting.
DANGER OF EXPLOSION Product is not explosive.
However, formation of explosive air/vapor mixtures are possible.
EXPLOSION LIMIT (LOWER):
EXPLOSION LIMIT (UPPER):
VAPOR PRESSURE at 20 °C (68 °F): 233 hPa (175 mm Hg)
DENSITY at 20 °C (68 °F):0.7946 g/cm <sup>3</sup> (6.631 lbs/gal)
RELATIVE DENSITY:Not determined.
VAPOR DENSITY (AIR=1): Heaver than (Air)
EVAPORATION RATE Faster than (n-Butyl Acetate)
SOLUBILITY IN/ MISCIBILITY
WITH WATER:Not miscible or difficult to mix.
PARTITION COEFFICIENT
(N-OCTANOL/WATER):Not determined.
DYNAMIC VISCOSITY: Not determined.
KINEMATIC VISCOSITY: Not determined.
VOC CONTENT:
OTHER INFORMATION:No further relevant information available.

## SECTION 10 - STABILITY AND REACTIVITY

STABILITY:	Stable under normal conditions of use and storage.
REACTIVITY:	No further relevant information available.
HAZARDOUS REACTIONS:	No dangerous reactions known.
CONDITIONS TO AVOID:	Direct sunlight. Ignition sources: heat, flames and sparks.
INCOMPATIBLE MATERIALS:	. Avoid contact with: Strong oxidizing agents and bases.
HAZARDOUS DECOMPOSITION PR	<b>RODUCTS:</b> Fume. Carbon oxides. In event of fire: see Section 5.

### SECTION 11 - TOXICOLOGICAL INFORMATION (based on 100% raw materials)

#### ACUTE TOXICITY:

67-64-1 ACETONE (2-PROPANONE): ORAL:.....LD50, rat: 5800 mg/kg (Rat; equivalent or similar to OECD 401: experimental value) INHALATION: ..... LC50, rat: 71 mg/l/4h (Rat; experimental value; 76 mg/l/4h; Rat; experimental value) LC50, rat: 30000 ppm/4hr (Rat; experimental value) DERMAL:.....LD50, rabbit: 20000 mg/kg (Rabbit; experimental value; equivalent or similar to OECD 402; >7426 mk/kg bodyweight; Rabbit; weight of evidence) SKIN CORROSION/IRRITATION:..... Not classified. pH: 7. EYE DAMAGE/IRRITATION: ..... Causes serious eye irritation. pH: 7. **RESPIRATORY OR SKIN** SENSITIZATION:.....Not classified. GERM CELL MUTAGENICITY: ....... Not classified. Based on available data, classification criteria not met. CARCINOGENICITY: ..... Not classified. REPRODUCTIVE TOXICITY:........... Not classified. Based on available data, classification criteria not met. SPECIFIC TARGET ORGAN TOXICITY -SINGLE EXPOSURE :..... May cause drowsiness or dizziness. SPECIFIC TARGET ORGAN TOXICITY -REPEATED EXPOSURE :..... Not classified. ASPIRATION HAZARD: ..... Not classified. POTENTIAL ADVERSE HUMAN HEALTH EFFECTS AND SYMPTOMS: Based on available data, classification criteria not met. SYMPTOMS/INJURIES AFTER INHALATION: ....... EXPOSURE TO HIGH CONCENTRATIONS: Feeling of weakness. Irritation of the respiratory tract. Nausea. Vomiting. Headache. Central nervous system depression. Dizziness. Narcosis. Excited/restless. Drunkenness. Disturbed motor response. Respiratory difficulties. Disturbances of consciousness. SYMPTOMS/INJURIES AFTER SKIN CONTACT:......ON CONTINUOUS EXPOSURE/CONTACT: Dry skin. Cracking of the skin. SYMPTOMS/INJURIES AFTER EYE CONTACT:......Irritation of eye tissue. SYMPTOMS/INJURIES AFTER INGESTION:.....Dry/sore throat. Risk of aspiration pneumonia. Symptoms similar to those listed under inhalation. AFTER ABSORPTION OF LARGE QUANTITIES: Irritation of the gastric/intestinal mucosa. Change in blood composition. Change in urine output. Renal disease. Enlargement/disease of the liver. SYMPTOMS/INJURIES UPON INTRAVENOUS ADMINISTRATION: .....Not available. CHRONIC SYMPTOMS: .....ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Red skin. Skin rash/inflammation. Dry/sore throat. Headache. Nausea. Feeling of weakness. Loss of weight. Possible inflammation of respiratory tract.

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78-93-3 2-BUTANONE: ORAL:LD50, rat: 2737 mg/kg INHALATION:LC50, mouse: 4h – 32000 mg/m3 LC50, mammal: 38000 mg/m3 DERMAL:LD50, rabbit: 6480 mg/kg
SKIN CORROSION/IRRITATION:       Rabbit: No skin irritation. (OECD Test Guideline 404)         EYE DAMAGE/IRRITATION:       Rabbit: Irritating to eyes. (OECD Test Guideline 405)         RESPIRATORY OR SKIN       SENSITIZATION:         SENSITIZATION:       No data available.         GERM CELL MUTAGENICITY:       No data available.         CARCINOGENICITY:       No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by IARC, NTP, OSHA.         REPRODUCTIVE TOXICITY:       No data available.         SPECIFIC TARGET ORGAN TOXICITY       -No data available.         SPECIFIC TARGET ORGAN TOXICITY       -SINGLE EXPOSURE :       May cause drowsiness or dizziness.         SPECIFIC TARGET ORGAN TOXICITY       -REPEATED EXPOSURE :       No data available.
ASPIRATION HAZARD:No data available. ADDITIONAL INFORMATION:RTECS: EL6475000. Central nervous system depression, Gastrointestinal disturbance, narcosis. Liver – Irregularities – Bases on Human Evidence

## SECTION 12 – ECOLOGICAL INFORMATION

OTHER ADVERSE EFFECTS: ...... No further relevant information available.

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#### SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL RECOMMENDATIONS:.. The disposal must comply with federal, state and local laws and regulations in accordance with the environmental agencies. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport, or handle hazardous waste shall take the necessary measure to prevent risks of pollution or damage to people or animals. Recycle by distillation. Remove to an authorized waste incinerator for solvents with energy recovery. Do not discharge into drains or the environment.

ECOLOGY - WASTE MATERIALS: ..... Avoid release to the environment.

#### **SECTION 14 – TRANSPORTATION INFORMATION**

UN "Model Regulation: UN 1263, PAINT RELATED MATERIAL, 3, PG II

LAND TRANSPORT U.S. DOT:

PACKAGING TYPE:	Bulk and non-bulk
UN NUMBER:	UN1263
PROPER SHIPPING NAME:	Paint related material
HAZARD CLASS:	3 Flammable Liquids
PACKAGING GROUP:	



MARITIME TRANSPORT IMDG:	
UN NUMBER: UN	V1263
PROPER SHIPPING NAME: PA	INT RELATED MATERIAL
IMDG HAZARD CLASS: 3 F	-lammable Liquids
PACKAGING GROUP:	
EMS NUMBER: F-E	E, <u>S-E</u>
STOWAGE CATEGORY: B	
LIMITED QUANTITIES (LQ): 5L	
EXCEPTED QUANTITIES (EQ): Co	de: E2
	aximum net quantity per inner packaging: 30ml aximum net quantity per outer packaging: 500ml

AIR TRANSPORT IATA:	
UN NUMBER:	UN1263
PROPER SHIPPING NAME:	PAINT RELATED MATERIAL
IATA HAZARD CLASS:	3 Flammable Liquids
PACKAGING GROUP:	II
QUANTITY LIMITATIONS:	On passenger aircraft: 5L
	On cargo aircraft only: 60L

SECTION 15 – REGULATORY INFORMATION (based on 100% raw materials)		
APPLICABLE STANDARDS:Dangerous Goods Regulations – 56 <sup>th</sup> Edition – IATA (International Air Transport Association). IMDG Code – 2012 Edition – IMO (International Maritime Organization). U.S.A. Department of Transportation – DOT – 49 CFR 172.101		
OSHA HAZARD COMMUNICATION		
STANDARD:as defined by OSHA Hazard Contains a "Hazardous Chemical" as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200.		
SARA TITLE III – SECTIONS 311/312 (40 CFR 370 SUBPARTS B AND C): . Immediate (Acute) Health Hazard: Yes. Delayed (Chronic) Health Hazard: Yes Fire Hazard: Yes. Reactive Hazard: No. Sudden Release of Pressure Hazard: No.		
SARA TITLE III – SECTION 313 (40 CFR 372.65):		
SARA TITLE III – SECTIONS 302 (40 CFR 355 APPENDIX A):No chemicals in this product are subject to the reporting requirements of SARA Title III, Section 202.		
CALIFORNIA PROPOSITION 65: This product does not contain any chemicals known to the State of California to cause cancer, developmental and/or reproductive harm.		
MASSACHUSETTS RIGHT TO KNOW COMPONENTS: Ethyl methyl ketone CAS-NO. 78-93-3 Rev. 1993-02-16 NEW JERSEY RIGHT TO KNOW COMPONENTS: Ethyl methyl ketone CAS-NO. 78-93-3 Rev. 1993-02-16 PENNSYLVANIA RIGHT TO KNOW COMPONENTS: Ethyl methyl ketone CAS-NO. 78-93-3 Rev. 1993-02-16		
INVENTORY STATUS:United States & Puerto Rico – Toxic Substances Control Act (TSCA) Inventory: Yes 67-64-1 Acetone: RQ (Reportable quantity) 5000 lb.		

## SECTION 16 – OTHER INFORMATION

**REFERENCES:**......The information contained herein has been compiled from sources believed to be realiable and accurate to the best of our knowledge at this date. It is provided without warranty, expressed or implied, as to the results of use of this information or to the product to which it relates. Winsol Laboratories Inc. assumes no responsibility for injury to any person or property resulting from any use of the material. Each user assumes the risk in their use of this product and should review the data and recommendations in the specific context of their intended use.

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NFPA (scale 0-4):	
HEALTH HAZARD: 1	Exposure could cause irritation but only
	minor residual injury if no treatment is
	given.
<b>FIRE HAZARD:</b>	Liquids and solids that can be ignited under
	almost all ambient conditions.
<b>REACTIVITY</b> :	Normally stable, even under fire exposure
	conditions, and are not reactive with water.
HMIS III RATING:	
HEALTH: 1	Slight Hazard – Irritation or minor reversible injury possible.
FLAMMABILITY: 3	Serious Hazard – Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB & IC).
<b>PHYSICAL</b> : 0	Minimal Hazard – Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.
PERSONAL PROTECTION: C	Safety glasses, Gloves, Synthetic apron.

#### **ABBREVIATIONS AND ACRONYMS:**

**ACGIH**:......American Conference of Governmental Industrial Hygienists (USA).

BEL: .....Biological Exposure Limit.

CAS: .....Chemical Abstracts Service (American Chemical Society).

- **DOT:** .....US Department of Transportation.
- GHS: .....Globally Harmonized System for Classification and Labelling of Chemicals.
- HMIS: ...... Hazardous Material Identification System.
- IATA:.....International Air Transport Association.
- IMDG:.....International Maritime Code for Dangerous Goods.
- LC50:.....Lethal concentration, 50 percent.
- LD50: .....Lethal Dose, 50 percent.
- NFPA: ......National Fire Protection Association.
- **NIOSH:.....**National Institute for Occupational Safety and Health.
- **OSHA:**.....Occupational Safety and Health Administration.
- PEL:....Permissible Exposure Limit.
- REL: .....Recommended Exposure Limit.
- **VOC:** ......Volatile Organic Compounds.

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Winsol Laboratories urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's sole responsibility to ensure that the use/disposal of this product comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer specific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.

DATE PREPARED:..... 10/08/18 DATE REVISED:.... REVISIONS: ....