



### Safety Data Sheet Sections

SECTION 1: IDENTIFICATION ..... 2

SECTION 2: HAZARD IDENTIFICATION..... 2

    PRECAUTIONARY STATEMENTS ..... 2

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS ..... 3

SECTION 4: FIRST-AID MEASURES ..... 4

SECTION 5: FIRE-FIGHTING MEASURES..... 4

SECTION 6: ACCIDENTAL RELEASE MEASURES ..... 5

SECTION 7: HANDLING AND STORAGE ..... 5

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION ..... 5

    EXPOSURE LIMITS: ..... 5

    INDIVIDUAL PROTECTION MEASURES / PERSONAL PROTECTIVE EQUIPMENT ..... 5

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES ..... 5

SECTION 10: STABILITY AND REACTIVITY ..... 6

SECTION 11: TOXICOLOGICAL INFORMATION ..... 6

SECTION 12: ECOLOGICAL INFORMATION ..... 7

SECTION 13: DISPOSAL CONSIDERATIONS..... 7

SECTION 14: TRANSPORT INFORMATION ..... 7


SECTION 15: REGULATORY INFORMATION..... 8

SECTION 16: OTHER INFORMATION ..... 8

    ACRONYM LIST ..... 8

SECTION 1: IDENTIFICATION	
Product Trade Name:	MB Cherry Liquid Deodorizer
Product SKU:	165
Recommended Use:	Quat-based cherry scent deodorizer
Restrictions on Use:	For Food Plant, Industrial and Institutional use only
Manufacturer Name:	MB Solutions
Manufacturer Address:	650 Evermeadow Road SW, Calgary, Alberta, T2Y-4X1
Manufacturer Phone Number:	<a href="tel:800-663-9925">800-663-9925</a>
Email Address of Competent Person Responsible for the SDS:	<a href="mailto:regulatory@projectclean.com">regulatory@projectclean.com</a>
Emergency Phone Number/ 24-Hour Number:	For Transportation Emergencies: Canutec <a href="tel:613-996-6666">613-996-6666</a> Emergency Response Services: Chemtrec <a href="tel:800-424-9300">800-424-9300</a>

[Back to Top](#)

SECTION 2: HAZARD IDENTIFICATION	
Physical Hazards:	FLAMMABLE LIQUIDS – Category 3
Health Hazards:	SENSITIZATION – SKIN - Category 1A
	SKIN CORROSION/ IRRITATION – Category 2
	EYE DAMAGE/IRRITATION – Category 1
Label Elements:	
Signal word:	DANGER
Hazard Statement:	H226 Flammable liquid and vapour.
	H317 May cause an allergic skin reaction.
	H315 Causes skin irritation.
	H318 Causes serious eye damage.
PRECAUTIONARY STATEMENTS	
Prevention:	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	P233 Keep container tightly closed.
	P240 Ground and bond container and receiving equipment.
	P241 Use explosion-proof equipment.

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SECTION 2: HAZARD IDENTIFICATION	
	P242 Use non-sparking tools.
	P243 Take action to prevent static discharges.
	P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
	P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
	P264 Wash hands and affected area thoroughly after handling.
	P272 Contaminated work clothing should not be allowed out of the workplace.
<b>Responses:</b>	P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
	P302 + P352 + P333 + P317 IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical help.
	P321 Specific treatment (see supplemental first aid information on this label).
	P362 + P364 Take off contaminated clothing and wash it before reuse.
	P305 + P351 + P338 + P317 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical help.
	P370 + P378 In case of fire: Use water fog, alcohol foam or dry chemical to extinguish.
<b>Storage:</b>	P403 + P235 Store in a well-ventilated place. Keep cool.
<b>Disposal:</b>	P501 Dispose of contents/ container to an approved waste disposal plant.

[Back to Top](#)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS		
Ingredient	Approx. Wt.%	CAS Number
Isopropyl Alcohol	1-5	67-63-0
Alcohol Ethoxylate	1-5	68439-46-3
Perfume	1-5	Mixture
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride)	0.5-1.5	85409-23-0
Alkyl Dimethyl Benzyl Ammonium Chloride (C12-18)	0.5-1.5	68391-01-5

[Back to Top](#)**PREPARED BY:**

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2020-06-09

## SECTION 4: FIRST-AID MEASURES

<b>General Information:</b>	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.
<b>Inhalation:</b>	Immediately remove the affected victim to fresh air. If symptoms persist, obtain medical attention.
<b>Skin Contact:</b>	Immediately flush exposed area with soap and water for at least 10 minutes. If irritation persists, or if contact has been prolonged, obtain medical attention. Remove contaminated clothing and launder before reuse.
<b>Eye Contact:</b>	Immediately flush with warm running water for at least 15 minutes, holding eyelids open during flushing. Remove contact lenses, if present and easy to do. If irritation persists, repeat flushing and obtain medical attention immediately.
<b>Ingestion:</b>	Do not induce vomiting. If the victim is fully conscious, give plenty of clean water to drink to dilute product. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness, or is convulsing. Call a Physician.
<b>Self-Protection of the First Aider:</b>	Ensure that first aid personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.
<b>Most Important Symptoms/ Effects, Acute and Delayed:</b>	<b>Ingestion:</b> No immediate foreseeable danger. <b>Inhalation:</b> No immediate foreseeable danger. <b>Eyes and skin:</b> Irritating to skin. Corrosive to eyes. May cause an allergic skin reaction.
<b>If irritation occurs or persists, get medical attention.</b>	

[Back to Top](#)

## SECTION 5: FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	Water fog, alcohol foam, or dry chemical.
<b>Unsuitable Extinguishing Media:</b>	Not available.
<b>Flammability:</b>	Flammable liquid and vapours.
<b>Flash Point:</b>	51 °C (PMCC)
<b>Special Firefighting Procedures:</b>	Wear NIOSH/MSHA approved, self-contained breathing apparatus for firefighting situation. Use of water spray when fighting fire may be inefficient.
<b>Unusual Fire / Explosion Hazards:</b>	None known.
<b>Hazardous Decomposition Products:</b>	Carbon oxides.

[Back to Top](#)

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2020-06-09

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

<b>Environmental Protection Precautions:</b>	Do not release to the environment or water source.
<b>Steps to be Taken in Case Material is Released or Spilled:</b>	Wear protective equipment. Avoid dust formation. Sweep up material and dispose into an appropriate waste container. Flush area with water if appropriate. Keep material away from sewers. Reuse if possible, otherwise dispose recovered material in accordance with all local, Provincial, State or Federal regulations.

[Back to Top](#)**SECTION 7: HANDLING AND STORAGE**

<b>Precautions to be Taken in Handling and Storage:</b>	Use good industrial hygiene. Do not get in eyes. Avoid contact with skin and clothing. Avoid breathing sprays or mists. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Keep out of reach of children. Store at temperatures below 30°C and above 5°C.
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[Back to Top](#)**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION****EXPOSURE LIMITS**

OSHA (PEL): N/A	ACGIH TLV: N/A	Other exposure limit: N/A
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**INDIVIDUAL PROTECTION MEASURES / PERSONAL PROTECTIVE EQUIPMENT**

<b>Appropriate Engineering Controls:</b>	Good general ventilation.
<b>Skin Protection:</b>	Hand Protection: Butyl rubber, neoprene, latex or nitrile gloves if user is allergic to this product. Other Skin Protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved. Appropriate footwear should be selected based on the task being performed and the risks involved.
<b>Eye and Face Protection:</b>	Not required for normal use of product. However, use chemical goggles or safety glasses when eye contact may occur.
<b>Respiratory Protection:</b>	Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.
<b>Other Protective Equipment:</b>	Eye wash, safety shower and full protective clothing recommended in the immediate work area.

[Back to Top](#)**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Clear, hot pink liquid.
<b>Odour:</b>	Cherry scent.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Odour threshold:	N/A
pH:	5.5-6.5
Melting point/Freezing point:	N/A
Initial boiling point and boiling range:	N/A
Flash Point:	51 °C (PMCC)
Evaporation Rate (Water=1):	N/A
Flammability:	Flammable liquid and vapours.
Upper/Lower flammability or explosive limits:	None
Vapour pressure:	N/A
Vapour density:	N/A
Relative density/Specific gravity (Water = 1):	1.00 @ 20 °C
Solubility(ies):	Soluble in water.
Partition coefficient: n-octanol/water:	N/A
Auto-ignition temperature:	Not determined.
Decomposition temperature:	N/A
Viscosity:	Thin like water.
VOCs%:	N/A

[Back to Top](#)

## SECTION 10: STABILITY AND REACTIVITY

Reactivity:	N/A
Chemical stability:	Stable under normal storage conditions.
Possibility of hazardous reactions:	N/A
Conditions to avoid:	Temperatures above 30°C and below 5°C.
Incompatibility:	Strong acids and bases, strong oxidizing agents may react with product and de-nature stable enzymes and inactivate bacterial cultures.
Hazardous Decomposition Products:	Oxides of carbon.

[Back to Top](#)

## SECTION 11: TOXICOLOGICAL INFORMATION

Likely routes of exposure:	Ingestion, skin and eye contact.
Symptoms:	May cause an allergic skin reaction. Causes serious eye damage.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

<b>Acute Toxicity Estimates:</b>	LD <sub>50</sub> Oral ATE > 2000 mg/kg
	LD <sub>50</sub> Dermal ATE > 2000 mg/kg
	LD <sub>50</sub> Inhalation ATE: N/A
<b>Skin Sensitization:</b>	3% of the components are classified as skin sensitizer.
<b>Germinal Cell Mutagenicity:</b>	Data available on components indicates no potential germinal cell mutagenicity.
<b>Reproductive Toxicity:</b>	Data available on components indicates no potential reproductive toxicity.
<b>Carcinogenicity:</b>	Not listed by NTP, IARC, OSHA, ACGIH.
<b>Aspiration Hazard:</b>	Data available on components indicates no potential aspiration hazard.

[Back to Top](#)**SECTION 12: ECOLOGICAL INFORMATION**

<b>Toxicity to Fresh Water Algae:</b>	<b>Alcohol Ethoxylate (CAS# 68439-46-3):</b> EC <sub>50</sub> (algae) 10-100 mg/L, Exposure Time: 72 h, Test Type: N/A
<b>Toxicity to Fish Species:</b>	<b>Alcohol Ethoxylate (CAS# 68439-46-3):</b> LC <sub>50</sub> (fish) 5-10 mg/L, Exposure Time, 96 h, Test Type: N/A
<b>Toxicity to Aquatic Invertebrates:</b>	<b>Alcohol Ethoxylate (CAS# 68439-46-3):</b> EC <sub>50</sub> (Daphnia magna (water flea)): 5-10 mg/L, Exposure Time: 48 h, Test Type: N/A
<b>Persistence and degradability:</b>	<b>Alcohol Ethoxylate (CAS# 68439-46-3):</b> Readily biodegradable.

[Back to Top](#)**SECTION 13: DISPOSAL CONSIDERATIONS**

<b>Recommended Waste Disposal Methods:</b>	Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.
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[Back to Top](#)**SECTION 14: TRANSPORT INFORMATION**

<b>Canadian TDG UN Number:</b>	Not Regulated.
<b>UN Proper Shipping Name:</b>	Not Regulated.
<b>Transport Hazard Class(es):</b>	Not Regulated.
<b>Packing Group:</b>	Not Regulated.
<b>Environmental Hazards:</b>	Not available.

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Page 7 of 9

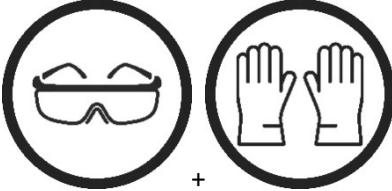
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**SECTION 14: TRANSPORT INFORMATION**

<b>Special Precautions for User:</b>	Not available.
<b>Additional Information:</b>	Not available.

[Back to Top](#)**SECTION 15: REGULATORY INFORMATION**

<p><b>HAZARD RATING INFORMATION</b></p> <p>4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant</p>	<p style="text-align: center;"><b>HMIS</b></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="background-color: #0070C0; color: white; text-align: center;">1</td> <td style="background-color: #0070C0; color: white;">Health</td> </tr> <tr> <td style="background-color: #FF0000; color: white; text-align: center;">2</td> <td style="background-color: #FF0000; color: white;">Flammability</td> </tr> <tr> <td style="background-color: #FFFF00; text-align: center;">0</td> <td style="background-color: #FFFF00;">Reactivity</td> </tr> <tr> <td style="text-align: center;">B</td> <td>Personal protection</td> </tr> </table> <p style="text-align: center;">B = Safety Glasses + Gloves</p>	1	Health	2	Flammability	0	Reactivity	B	Personal protection
1	Health								
2	Flammability								
0	Reactivity								
B	Personal protection								
<p style="text-align: center;"><b>HMIS Protection Group B</b></p>	<div style="text-align: center;">  </div>								
<p>All pertinent hazard information has been provided in this SDS, per the requirements of the U.S. Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalent Standards, and the Canadian Workplace Hazardous Materials Identification System Standards (CPR 4).</p>									

[Back to Top](#)**SECTION 16: OTHER INFORMATION****ACRONYM LIST**

<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>ATE</b>	Acute Toxicity Estimate
<b>CAS</b>	Chemical Abstracts Service
<b>CFR</b>	Code of Federal Regulations
<b>DSL/NDSL</b>	Domestic Substances List/ Non-domestic Substance List
<b>EC<sub>50</sub></b>	Half maximal effective concentration
<b>HMIS</b>	Hazardous Materials Identification System

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SECTION 16: OTHER INFORMATION	
<b>IARC</b>	International Agency for Research on Cancer
<b>LC<sub>50</sub></b>	Lethal concentration, 50%
<b>LD<sub>50</sub></b>	Lethal dose, 50%
<b>MSHA</b>	Mine Safety and Health Administration
<b>N/A</b>	Not Available
<b>NIOSH</b>	The National Institute for Occupational Safety and Health
<b>N.O.S.</b>	Not Otherwise Specified
<b>NTP</b>	National Toxicology Program
<b>OSHA</b>	Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>PNOC</b>	Particulates not otherwise classified
<b>PMMCC</b>	Pensky-Martens Closed Cup
<b>P<sub>ow</sub></b>	Partition Coefficient Octanol: Water
<b>SDS</b>	Safety Data Sheets
<b>STOT – SE</b>	Specific Target Organ Toxicity – Single Exposure
<b>STOT – RE</b>	Specific Target Organ Toxicity – Repeated Exposure
<b>TDG</b>	Transportation of Dangerous Goods
<b>TLV</b>	Threshold Limit Value
<b>UN</b>	United Nations
<b>VOCs</b>	Volatile Organic Compounds
<b>WEL</b>	Workplace Exposure Limit
<b>WHMIS</b>	Workplace Hazardous Materials Information System

[Back to Top](#)

It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. Project Clean Inc. (formerly Maxim Chemical International Inc.) will accept no liability for damages or loss incurred from the improper handling and use of this product.

The information provided in the Safety Data Sheet has been obtained from current sources and is believed to be reliable.

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