

SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product Name: M9 Cleaner/Decrystallizer
Product Code: 7736
SDS Manufacturer Number: 7736
Manufacturer Name: Hollister Incorporated
Address: 2000 Hollister Drive
 Libertyville, Illinois 60048
 USA
General Phone Number: 847-680-1000
SDS Creation Date: January 22, 2015
SDS Revision Date: January 22, 2015
(M)SDS Format:

SECTION 2 : HAZARD(S) IDENTIFICATION

GHS Pictograms:



Signal Word: Warning.
GHS Class: Eye Irritant, Category 2.
Hazard Statements: Causes eye irritation.
Precautionary Statements: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention.

Emergency Overview: WARNING! Irritant.
Route of Exposure: Eyes. Skin. Inhalation.
Potential Health Effects:
Eye: May cause irritation.
Skin: May cause irritation.
Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation.
Ingestion: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Target Organs: Eyes. Skin. Respiratory system. Digestive system.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS# | Ingredient Percent | EC Num. |
|-----------------------------|-----------|--------------------|-----------|
| Bronopol | 52-51-7 | <=2.5 by weight | 200-143-0 |
| Sodium Acetate | 9035-69-2 | <=2.5 by weight | 230-525-2 |
| Non hazardous ingredient(s) | No Data | >95 by weight | |

SECTION 4 : FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.
Skin Contact: Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes.
 Get medical attention if irritation develops or persists.
Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
Ingestion: If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
Other First Aid: First Responders should provide for their own safety prior to rendering assistance.

SECTION 5 : FIRE FIGHTING MEASURES

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| Flash Point: | Not applicable. |
| Auto Ignition Temperature: | Not applicable. |
| Lower Flammable/Explosive Limit: | Not applicable. |
| Upper Flammable/Explosive Limit: | Not applicable. |
| Fire Fighting Instructions: | Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water. |
| Extinguishing Media: | Use dry chemical or foam when fighting fires involving this material. Water mist may be used to cool closed containers. |
| Protective Equipment: | In the event of a fire, wear Self-Contained Breathing Apparatus (SCBA), approved or in accordance to NFPA, NIOSH, and/or European Standard EN 137 guidelines or equivalent and full protective gear. |
| Unusual Fire Hazards: | Material may spatter above 100 °C/212 °F. |

NFPA Ratings:

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| NFPA Health: | 1 |
| NFPA Flammability: | 0 |
| NFPA Reactivity: | 0 |

SECTION 6 : ACCIDENTAL RELEASE MEASURES

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| Personnel Precautions: | Evacuate area and keep unnecessary and unprotected personnel from entering the spill area. |
| Environmental Precautions: | Avoid runoff into storm sewers, ditches, and waterways. Comply with all government regulations on reporting releases. |
| Methods for containment: | Spills are very unlikely, because the wiper fabric has absorbed the liquid solvent solution. In the event of a spill, contain with an inert absorbent. |
| Methods for cleanup: | Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section. |

SECTION 7 : HANDLING and STORAGE

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| Handling: | Use with adequate ventilation. Avoid breathing vapor, aerosol or mist. |
| Storage: | Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, and incompatible substances. Keep container tightly closed when not in use. |
| Work Practices: | Handle in accordance with good industrial hygiene and safety practices. |
| Hygiene Practices: | Wash thoroughly after handling. |

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

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| Engineering Controls: | Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment. |
| Eye/Face Protection: | Safety glasses with side shields must be worn at all times. If splash hazard exists, wear chemical splash goggles and/or face shield. |
| Skin Protection Description: | Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult manufacturer's data for permeability data. |
| Hand Protection Description: | Nitrile rubber or natural rubber gloves are recommended. |
| Respiratory Protection: | Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Comply with the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. |
| Other Protective: | Facilities storing or utilizing this material should be equipped with an eyewash and a deluge shower safety station. |
| PPE Pictograms: |  |

EXPOSURE GUIDELINES

SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

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| Physical State Appearance: | Liquid. |
| Odor: | Characteristic |
| Odor Threshold: | Not determined. |
| Boiling Point: | 190 °F (88°C) |
| Melting Point: | Not determined. |
| Specific Gravity: | 1.0 |
| Solubility: | Completely soluble |
| Vapor Density: | Not determined. |
| Vapor Pressure: | 17 mmHg @ 20°C |
| Percent Volatile: | Not determined. |
| Evaporation Rate: | Not determined. |
| pH: | Not determined. |
| Flash Point: | Not applicable. |
| Auto Ignition Temperature: | Not applicable. |
| VOC Content: | 5.1% |

SECTION 10 : STABILITY and REACTIVITY

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| Chemical Stability: | Stable under recommended handling and storage conditions. |
| Hazardous Polymerization: | Hazardous polymerization does not occur. |
| Conditions to Avoid: | Heat, flames, ignition sources, and sparks. Incompatible materials. Freezing or temperatures below 0°C (32°F). |
| Incompatible Materials: | Water reactive materials. |
| Special Decomposition Products: | Thermal decomposition can lead to release irritant fumes and toxic gases. |

SECTION 11 : TOXICOLOGICAL INFORMATION

Bronopol:

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| Eye: | Administration into the eye - Rabbit Standard Draize test : 5 mg [Not reported.] (RTECS) |
| Skin: | Administration onto the skin - Mouse LD50 - Lethal dose, 50 percent kill : 4750 mg/kg [Details of toxic effects not reported other than lethal dose value] Administration onto the skin - Rabbit TDLo - Lowest published toxic dose : 250 mg/kg/8H [Skin and Appendages - Primary irritation (After topical exposure)] Administration onto the skin - Rabbit LD50 - Lethal dose, 50 percent kill : >2000 mg/kg [Details of toxic effects not reported other than lethal dose value] Administration onto the skin - Rat TDLo - Lowest published toxic dose : >2000 mg/kg/24H [Lungs, Thorax, or Respiration - Dyspnea Skin and Appendages - Primary irritation (After topical exposure) Nutritional and Gross Metabolic - Weight loss or decreased weight gain] Administration onto the skin - Rat LD50 - Lethal dose, 50 percent kill : 64 mg/kg [Details of toxic effects not reported other than lethal dose value] Administration onto the skin - Rabbit Standard Draize test : 500 mg/24H [Mild] Administration onto the skin - Rabbit Standard Draize test : 80 mg [Moderate] Administration onto the skin - Rat Standard Draize test : 0.2 % (RTECS) |
| Inhalation: | Inhalation - Rat LC50 - Lethal concentration, 50 percent kill : >5 gm/m ³ /6H [Details of toxic effects not reported other than lethal dose value] Inhalation - Rat LC50 - Lethal concentration, 50 percent kill : 800 mg/m ³ /4H [Details of toxic effects not reported other than lethal dose value] Inhalation - Rat LC50 - Lethal concentration, 50 percent kill : >5 gm/m ³ /4H [Details of toxic effects not reported other than lethal dose value] (RTECS) |
| Ingestion: | Oral - Rat LD50 - Lethal dose, 50 percent kill : 180 mg/kg [Details of toxic effects not reported other than lethal dose value] Oral - Mouse LD50 - Lethal dose, 50 percent kill : 270 mg/kg [Details of toxic effects not reported other than lethal dose value] Oral - Mouse LD50 - Lethal dose, 50 percent kill : 194 mg/kg [Lungs, Thorax, or Respiration - Other changes Gastrointestinal - Gastritis] Oral - Rat LD50 - Lethal dose, 50 percent kill : 267 mg/kg [Lungs, Thorax, or Respiration - Other changes Gastrointestinal - Gastritis] Oral - Rabbit LD50 - Lethal dose, 50 percent kill : 190 mg/kg [Lungs, Thorax, or Respiration - Other changes Gastrointestinal - Gastritis] Oral - Rat LD50 - Lethal dose, 50 percent kill : 254 mg/kg [Behavioral - Coma Lungs, Thorax, or Respiration - Respiratory depression Blood - Changes in spleen] Oral - Rat LD50 - Lethal dose, 50 percent kill : 342 mg/kg [Behavioral (RTECS) |

SECTION 12 : ECOLOGICAL INFORMATION

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| Ecotoxicity: | No environmental information found for this product. |
| Environmental Fate: | No environmental information found for this product. |

SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal: Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 or the EU Directive 2008/98/EC on waste for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state, local, or provincial waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.

SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name: Not Restricted
DOT UN Number: Not Applicable

Notes : The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment.

SECTION 15 : REGULATORY INFORMATION

SARA: This product does not contain any chemicals which are subject to the reporting requirements of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III (40CFR, Part 372).

California PROP 65: The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):
This product does not contain any Proposition 65 chemicals.

Canada WHMIS: Xi - Irritant.

Bronopol:

TSCA Inventory Status: Listed

EC Number: 200-143-0

Sodium Acetate:

TSCA Inventory Status: Listed

EC Number: 230-525-2

SECTION 16 : ADDITIONAL INFORMATION

HMIS Health Hazard: 1
HMIS Fire Hazard: 0
HMIS Reactivity: 0
HMIS Personal Protection: X
MSDS Creation Date: January 22, 2015
MSDS Revision Date: January 22, 2015
SDS Format:
MSDS Revision Notes:

Disclaimer: This product is exempt from Safety Data Sheet regulations as the product is for consumer use. The information contained in this Safety Data Sheet (SDS) is offered as a guide to the use and handling of this material. All safety aspects of all Hollister products are thoroughly evaluated prior to commercialization. This SDS has been prepared in good faith by technically knowledgeable personnel. Hollister Incorporated shall not be held liable for any damages, losses or injuries of any nature which may result from the use of or reliance upon any information contained in this SDS. Each individual should make a determination as to the suitability of the information for his or her particular purpose(s).

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