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## MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/07/2005  
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REVISION NUMBER: 1  
PREPARED BY: Walter Friedlander

### 1. CHEMICAL PRODUCT

PRODUCT NAME: **PRIMASAN WIPE, All Purpose Surface Wipe**  
SDS FORM NUMBER: 9052

NFPA/HMIS HAZARD CODES(minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 1/1 Fire: 0/0  
Reactivity: 0/0 Special/Protective Equipment: None

### 2. HAZARDS IDENTIFICATION

#### EFFECTS FROM ACUTE EXPOSURE:

INGESTION: May cause irritation.  
SKIN CONTACT: None known.  
INHALATION: May cause mild respiratory irritation.  
EYE CONTACT: Causes eye irritation.  
CHRONIC EFFECTS: None known.  
EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP.  
ROUTES OF ENTRY: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS #	%	ACGIH TLV	OSHA PELs
Poly (hexamethylene biguanide) hydrochloride 27083-27-8	0.1 - 0.5	NA	NA
Myristyl-trimethyl ammonium bromide 1119-97-7	0.1 - 1	NA	NA
Isopropyl alcohol 67-63-0	5 - 20	200 ppm	400 ppm 980 mg/m <sup>3</sup>

### 4. FIRST AID MEASURES

INGESTION: Drink several glasses of water or milk.  
SKIN: Flush skin with large amounts of water. If irritation persists, get medical attention.  
INHALATION: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.  
EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.  
NOTES TO PHYSICIAN: None.

### 5. FIRE AND EXPLOSION HAZARD DATA

## PRIMASAN WIPE, All Purpose Surface Wipe

FLASH POINT (F): N/A (C): NA  
METHOD: None  
FLAMMABLE LIMITS IN AIR  
- LOWER (%): None  
- UPPER (%): None

SENSITIVITY TO MECHANICAL IMPACT(Y/N): NO  
SENSITIVITY TO STATIC DISCHARGE: Sensitivity to static discharge is not expected.  
SUITABLE EXTINGUISHING MEDIA: As appropriate for surrounding fire-product is mostly water and will not burn.  
FIRE FIGHTING PROCEDURES: None known.

### 6. ACCIDENTAL RELEASE MEASURES

#### SPILL PROCEDURES:

SMALL SPILLS: None known.  
LARGE SPILLS: None known.

PERSONAL PRECAUTIONS: NA  
ENVIRONMENTAL PRECAUTIONS: NA  
METHODS FOR CLEANING UP: NA

### 7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid contact with eyes. Do not expose to extreme temperatures.  
OTHER PRECAUTIONS: No other spill procedures necessary.  
SPECIFIC USE(S): NA

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### PROTECTIVE EQUIPMENT:

EXPOSURE CONTROLS: None known.  
RESPIRATORY PROTECTION: Use an approved NIOSH organic vapor respirator below the TLV. If TLV is exceeded or overexposure is likely, use positive pressure or self contained breathing apparatus.  
PROTECTIVE GLOVES: None known.  
EYE PROTECTION: None.  
OTHER PERSONAL PROTECTION EQUIPMENT: None known.  
VENTILATION: None required.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: NA  
(C) NA  
SOLUBILITY IN WATER: NA  
SPECIFIC GRAVITY: 0.94 G/l  
VOV Content (%): NE  
PH: 6.0 - 7.0

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### 10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE  
POLYMERIZATION: Will Not Occur.  
HAZARDOUS DECOMPOSITION: None  
INCOMPATIBILITY (MATERIALS TO AVOID): None known.  
CONDITIONS/HAZARDS TO AVOID: Extreme heat, direct sunlight.

### 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: NE  
EFFECTS OF CHRONIC EXPOSURE: NE  
OTHER TOXIC EFFECTS: NE

### 12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time  
CHEMICAL FATE INFORMATION: No data at this time.  
MOBILITY: NA  
PERSISTENCE/DEGRADABILITY: NA  
BIOACCUMULATIVE POTENTIAL: NA  
OTHER ADVERSE EFFECTS: NA

### 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State and Local regulations.

### 14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

### 15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS #	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
Poly (hexamethylene biguanide) hydrochloride 27083-27-8	0.1 - 0.5	Not Listed	Not Listed	Not Listed	Not Listed
Myristyl-trimethyl ammonium bromide 1119-97-7	0.1 - 1	Listed	Listed	Listed	Not Listed
Isopropyl alcohol 67-63-0	5 - 20	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS #	%	CERCLA:	SARA 302:	SARA 313:
Poly (hexamethylene biguanide) hydrochloride 27083-27-8	0.1 - 0.5	Not Listed	Not Listed	Not Listed

## PRIMASAN WIPE, All Purpose Surface Wipe

Myristyl-trimethyl ammonium bromide 1119-97-7	0.1 - 1	Not Listed	Not Listed	Not Listed
Isopropyl alcohol 67-63-0	5 - 20	Not Listed	Not Listed	= 1.0 percent de minimis concentration only if manufactured by the strong acid process, no supplier notification

PRODUCT COMPOSITION CAS #	%	Canada WHMIS:
Isopropyl alcohol 67-63-0	5 - 20	B2; D2B

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS #	%	MARTK:
Isopropyl alcohol 67-63-0	5 - 20	Listed

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS #	%	NJRTK:
Isopropyl alcohol 67-63-0	5 - 20	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS #	%	PARTK:
Isopropyl alcohol 67-63-0	5 - 20	Listed

### 16. OTHER INFORMATION

Health and safety information presented on this form is generally applicable at recommended dilutions, varying only in degree. This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

\*\*\* END OF MSDS \*\*\*