

M A T E R I A L S A F E T Y D A T A S H E E T

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : BUEHLER MASTERMET
IDENTIFICATION NUMBER: 40-6370-006, 40-6370-064
PRODUCT USE/CLASS : Polishing compound

SUPPLIER:

Buehler, Ltd.
41 Waukegan Road
Lake Bluff, IL 60044
EMERGENCY: 800-424-9300
INFORMATION: 847-295-6500
PREPARER: Technical Department, PHONE: 847-295-6500,
PREPARE DATE: 05/22/06, 22 May 2006

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT%
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No Hazardous Materials per 29 CFR 1910.1200
(See Section 16 for abbreviation legend)

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Not expected to present a hazard in normal industrial use.

ACUTE EFFECTS - EYE CONTACT: Not expected to present a hazard in normal industrial use.

ACUTE EFFECTS - SKIN CONTACT: Substance may cause slight skin irritation.

ACUTE EFFECTS - INHALATION: Not expected to present a hazard in normal industrial use (room temperature processing).

ACUTE EFFECTS - INGESTION: May cause nausea and vomiting.

CHRONIC OVEREXPOSURE EFFECTS: None known.

OTHER INFORMATION: No information.

PRIMARY ROUTE(S) OF ENTRY: None known

SECTION 4 - FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN CONTACT: Wash with soap and water. Get medical attention if irritation develops or persists.

INHALATION: Not a likely route of exposure. If symptoms occur, remove to fresh air. Seek medical attention if symptoms persist.

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| SECTION 4 - FIRST AID MEASURES |
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INGESTION: Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention.

NOTES TO PHYSICIAN: No information.

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| SECTION 5 - FIRE FIGHTING MEASURES |
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FLASH POINT: N.A.

LOWER EXPLOSIVE LIMIT: N.A.

UPPER EXPLOSIVE LIMIT: N.A.

AUTOIGNITION TEMPERATURE: No data

EXTINGUISHING MEDIA: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: Does not burn.

SPECIAL FIREFIGHTING PROCEDURES: Does not burn.

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| SECTION 6 - ACCIDENTAL RELEASE MEASURES |
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Reclaim clean material. Absorb residue with clay, towels, or other absorbent material. Sweep up or pick up residue. Flush spill area with water.

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| SECTION 7 - HANDLING AND STORAGE |
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HANDLING: Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

STORAGE: Keep from freezing.

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| SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION |
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ENGINEERING CONTROLS: General ventilation usually adequate.

RESPIRATORY PROTECTION: None normally required under general ventilation.

SKIN PROTECTION: Cloth or synthetic gloves.

EYE PROTECTION: Safety glasses.

OTHER PROTECTIVE EQUIPMENT: Accessible eye wash.

HYGIENIC PRACTICES: Follow good general industrial safety practices during use. Do not smoke or eat during use.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE : 212 - Unk deg F VAPOR DENSITY : Unknown
ODOR : No appreciable ODOR THRESHOLD : No data
APPEARANCE : Opaque EVAPORATION RATE: Unknown
SOLUBILITY IN H2O : Moderate
FREEZE POINT : < 32 deg F SPECIFIC GRAVITY: 1.0153
VAPOR PRESSURE : No data pH @ 100.0 % : no data
PHYSICAL STATE : Liquid VISCOSITY : low
COEFFICIENT OF WATER/OIL DISTRIBUTION: No data
(See Section 16 for abbreviation legend)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Keep from freezing

INCOMPATIBILITY: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL PROPERTIES

COMPONENT TOXICOLOGICAL INFORMATION: none known

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL TEST DATA: No information.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Product disposed of "as sold" is not considered a hazardous waste under Federal RCRA regulations. If product becomes contaminated, follow disposal instructions for contaminant. Dispose of in accordance with State and local regulations.

TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Not regulated
DOT TECHNICAL NAME: N/A
DOT HAZARD CLASS: N/A HAZARD SUBCLASS: N/A
DOT UN/NA NUMBER: N/A PACKING GROUP: N/A RESP. GUIDE PAGE:

INTERNATIONAL SHIPPING NAME: Not regulated
INTERNATIONAL ID NUMBER: N/A
IMDG CLASS (10,20): N/A IMDG PAGE NUMBER: N/A
IMDG EMS: N/A IATA CLASS (10,20): N/A

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SECTION 15 - REGULATORY INFORMATION

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OSHA: Non-hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed, and is considered, under applicable definitions, to meet the following categories: NONE

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 and 40 CFR part 372:

----- CHEMICAL NAME -----	CAS NUMBER	WT/WT % IS LESS THAN
No SARA Section 313 components exist in this product.		

TOXIC SUBSTANCES CONTROL ACT:

The chemical substances in this product are on the TSCA Section 8 Inventory.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

----- CHEMICAL NAME -----	CAS NUMBER
No components found.	

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but may be among the top five components in this product:

----- CHEMICAL NAME -----	CAS NUMBER
Water	7732-18-5
Amorphous silicon dioxide	7631-86-9

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients may be present in the product at greater than 3%:

----- CHEMICAL NAME -----	CAS NUMBER
Water	7732-18-5
Amorphous silicon dioxide	7631-86-9

CALIFORNIA PROPOSITION 65:

No Proposition 65 chemicals known to exist in this product.

VOLATILE ORGANIC COMPOUNDS (VOCS): 0 grams/ltr

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: NONE

COMPONENT RCRA CLASSIFICATIONS: No information.

COMPONENT RCRA CODES: No information.

CERCLA RQ VALUE (MINIMUM): No information.

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| SECTION 16 - OTHER INFORMATION |
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HMIS RATINGS - HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: 09/22/02

REASON FOR REVISION: update section(s): 9,10,13

LEGEND: N.A. - No information, N.E. - Not Established,
N.D. - Not Determined

ABBREVIATIONS: ACGIH = American Conference of Governmental Industrial Hygienists; OSHA = US Occupational Health and Safety Administration; UK = United Kingdom; TLV-TWA = Threshold Limit Value-Time Weighted Average (8 hrs); STEL = Short-Term Exposure Limit (15 min); C = Ceiling Value; PEL = Permissible Exposure Limit

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