

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 CARBIMET Discs, Sheets, Rolls & Strips  
 IDENTIFICATION NUMBER: 15-5112 through 15-5122, 30-5108 through 30-5178,  
 57-5153, 61-4340  
 PRODUCT USE/CLASS : Abrasive

SUPPLIER:

Buehler UK, Ltd.	Buehler GmbH
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PREPARER: Technical Department, PHONE: +18472955600, PREPARE DATE: 02/07/01

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT%
01	QUARTZ (hazardous when respirable) Classification: HARMFUL-Carc. cat. 3-(rd), Xn; R40/20	14808-60-7	0.1-1.0

EXPOSURE LIMITS

ITEM	U/K		GERMANY		OTHER	SKIN
	8-HR REL	15-MIN STEL	8-HR MAK	15-MIN MAK	8-HR TWA	
01	0.1 mg/m3	N.E.	0.1 mg/m3	N/E	0.1 mg/m3	NO

(See Section 16 for abbreviation legend)

SECTION 3 - IDENTIFICATION OF HAZARDS

EMERGENCY OVERVIEW: Not considered a dangerous good for supply.

PRIMARY ROUTE(S) OF ENTRY: INHALATION,

SECTION 4 - FIRST AID MEASURES

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

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

INHALATION: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control centre immediately. Never give anything by mouth to an unconscious person.

NOTES TO PHYSICIAN: Treat symptomatically.

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SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: N.A.

LOWER EXPLOSIVE LIMIT: N.A.

UPPER EXPLOSIVE LIMIT: N.A.

AUTOIGNITION TEMPERATURE: N/a

EXTINGUISHING MEDIA: Foam, CO2, dry chemical

UNUSUAL FIRE AND EXPLOSION HAZARDS: none known.

SPECIAL FIREFIGHTING PROCEDURES: none known

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Reclaim clean material. Wash spill area with soap and water.

SECTION 7 - HANDLING AND STORAGE

HANDLING: Minimize dust generation and accumulation. Follow good general industrial safety practices during use and handling.

STORAGE: No information.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: No special ventilation normally required.

RESPIRATORY PROTECTION: None normally required under good general industrial ventilation.

SKIN PROTECTION: Cloth or synthetic gloves. None normally required.

EYE PROTECTION: Safety glasses or goggles.

OTHER PROTECTIVE EQUIPMENT: none known.

HYGIENIC PRACTICES: DO NOT reuse empty containers.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE	: N.A.	VAPOR DENSITY	: Is heavier than air
ODOR	: None	ODOR THRESHOLD	: N/A
APPEARANCE	: Solid	EVAPORATION RATE:	Is slower than Butyl Acetate
SOLUBILITY IN H2O	: Insoluble	SPECIFIC GRAVITY:	2.9654
FREEZE POINT	: N/A	pH @ 0.0 %	: N/A
VAPOR PRESSURE	: N/A	VISCOSITY	: N/A
PHYSICAL STATE	: Solid		

COEFFICIENT OF WATER/OIL DISTRIBUTION: N/D

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: No information.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

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SECTION 11 - TOXICOLOGICAL PROPERTIES

No product or component toxicological information is available.

Toxicological Test Data: No information.

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

ACUTE EFFECTS - SKIN CONTACT: Not expected to present a hazard in normal industrial use. May cause mechanical irritation/abrasion.

ACUTE EFFECTS - INHALATION: Prolonged inhalation may cause irritation and coughing.

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

CHRONIC OVEREXPOSURE EFFECTS: \*This product contains silicon dioxide (quartz, silica). Free respirable silica has been listed as a confirmed human carcinogen by IARC. Inhalation of free respirable silica may cause silicosis or other serious delayed lung injury. Recent studies have also suggested that individuals with silicosis are at increased risk of developing tuberculosis, scleroderma, and/or increased incidence of kidney lesions.

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL TEST DATA: No information.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Material as sold may be disposed of in landfill. If material becomes contaminated, follow disposal instructions for contaminant.

SECTION 14 - TRANSPORTATION INFORMATION

INTERNATIONAL SHIPPING NAME: Not regulated for transport

INTERNATIONAL ID NUMBER: N/A

IMDG CLASS (1ø,2ø): N/A

PACKING GROUP: N/A

IMDG EMS: N/A

IATA CLASS (1ø,2ø): N/A

SECTION 15 - REGULATORY INFORMATION

CHiP SUPPLY LABEL RISK PHRASES: Not considered a dangerous good for supply.

CHiP SUPPLY LABEL SAFETY PHRASES: No information.

CHiP SUPPLY LABEL SYMBOLS: No information.

VOLATILE ORGANIC COMPOUNDS (VOCS): 0 grams/ltr

SECTION 16 - OTHER INFORMATION

PREVIOUS MSDS REVISION DATE: 01/07/01

REASON FOR REVISION: new format

ADMINISTRATIVE REVISION DATE:

REASON FOR ADMINISTRATIVE REVISION:

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SECTION 16 - OTHER INFORMATION

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

ABBREVIATIONS: ACGIH = American Conference of Governmental Industrial Hygienists; UK = United Kingdom; REL = Recommended Exposure Limit; MAK = Maximale Arbetisplatzkonzentration (Maximum Concentration in the Workplace); TLV-TWA = Threshold Limit Value-Time Weighted Average (8 hours); STEL = Short-Term Exposure Limit (15 minutes); C = Ceiling Value; PEL = Permissible Exposure Limit

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