

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 LEVIGATED ALUMINUM OXIDE  
IDENTIFICATION NUMBER: 40-6435  
PRODUCT USE/CLASS : Polishing compound

SUPPLIER:

Buehler UK, Ltd.  
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101, Lockhurst Lane  
Coventry CV6 5SF ENGLAND

Buehler GmbH  
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PREPARER: Technical Department, PHONE: +18472955600, PREPARE DATE: 30/11/03

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT%
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No ingredients which are considered to be dangerous for supply  
Not considered a dangerous good for supply

(See Section 16 for abbreviation legend)

SECTION 3 - IDENTIFICATION OF HAZARDS

EMERGENCY OVERVIEW: not expected to present a hazard in normal professional use. Not considered a hazardous material under UK/EU regulation.

PRIMARY ROUTE(S) OF ENTRY: Unknown

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.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: N.A.

LOWER EXPLOSIVE LIMIT: N.A.  
UPPER EXPLOSIVE LIMIT: N.A.

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SECTION 5 - FIRE FIGHTING MEASURES

AUTOIGNITION TEMPERATURE: Does not burn

EXTINGUISHING MEDIA:Unknown

UNUSUAL FIRE AND EXPLOSION HAZARDS: Not Applicable.

SPECIAL FIREFIGHTING PROCEDURES: Not Applicable.

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: Not Applicable.

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: Not Applicable.

OTHER PROTECTIVE EQUIPMENT: Not Applicable.

HYGIENIC PRACTICES: DO NOT reuse empty containers.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE	: N.A.	VAPOR DENSITY	: Is lighter than air
ODOR	: None	ODOR THRESHOLD	: N/A
APPEARANCE	: White	EVAPORATION RATE:	Is slower than Butyl Acetate
SOLUBILITY IN H2O	: Insoluble	SPECIFIC GRAVITY:	3.8470
FREEZE POINT	: N/A	pH @ 0.0 %	: N/A
VAPOR PRESSURE	: N/a	VISCOSITY	: N/A
PHYSICAL STATE	: Powder		

COEFFICIENT OF WATER/OIL DISTRIBUTION: No data  
(See Section 16 for abbreviation legend)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Not Applicable.

INCOMPATIBILITY: Not Applicable.

HAZARDOUS DECOMPOSITION PRODUCTS: Not Applicable.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

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SECTION 10 - STABILITY AND REACTIVITY
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STABILITY: This product is stable under normal storage conditions.

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SECTION 11 - TOXICOLOGICAL PROPERTIES
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No product or component toxicological information is available.

Toxicological Test Data: Not Applicable.

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.

ACUTE EFFECTS - INHALATION: Extreme overexposure may clog airways with coughing.

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

CHRONIC OVEREXPOSURE EFFECTS: Not Applicable.

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SECTION 12 - ECOLOGICAL INFORMATION
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ECOLOGICAL TEST DATA: Not Applicable.

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SECTION 13 - DISPOSAL CONSIDERATIONS
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DISPOSAL METHOD: Material as sold may be disposed of in landfill. If material becomes contaminated, follow disposal instructions for contaminant.

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SECTION 14 - TRANSPORTATION INFORMATION
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INTERNATIONAL SHIPPING NAME: Not regulated

INTERNATIONAL ID NUMBER: N/A

IMDG CLASS (1°,2°):

N/A

IMDG PAGE NUMBER:

N/A

IMDG EMS:

N/A

IATA CLASS (1°,2°):

N/A

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SECTION 15 - REGULATORY INFORMATION
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CHiP SUPPLY LABEL RISK PHRASES: None required/Not regulated.

CHiP SUPPLY LABEL SAFETY PHRASES: None required.

CHiP SUPPLY LABEL SYMBOLS: NONE REQUIRED.

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SECTION 16 - OTHER INFORMATION
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Administrative Revision Date:

Reason for administrative revision:

PREVIOUS MSDS REVISION DATE:

REASON FOR REVISION: new format

VOLATILE ORGANIC COMPOUNDS (VOCS): 0 grams/ltr

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Product: 40-6435

Preparation Date: 30/11/03

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LEGEND: N.A. - Not Applicable, N.E. - Not Established,  
N.D. - Not Determined

ABBREVIATIONS: Administrative Revision Date: Reason for administrative  
revision: 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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