

Product name:	AP-A, AP-D Powder	Page:	1/8
Revision Date:	2015-01-13	Print date:	2015-01-13
Document No.:	M0123	SDS-ID:	AU-EN/13.0

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### Product identifier

Product name: AP-A, AP-D Powder  
Cat. No. 40700047, 40700048, 40700049, 40700038, 40700039, 40700040, 40700041

CAS-No.: 1344-28-1

EC No.: 418-390-1

REACH Reg. No.: -

Container size: 1 kg

### Relevant identified uses of the substance or mixture and uses advised against

Application: For materialographic polishing

### Details of the supplier of the safety data sheet

Supplier: Struers Australia  
27 Mayneview Street  
Milton QLD 4064, Australia

Responsible for safety data sheet authoring: Responsible for safety data sheet authoring: DHI  
Any questions to the contents of this safety data sheet should be sent to:  
Chemical.info@struers.dk

### Emergency telephone number

Emergency telephone: +61 7 3512 9600  
(Only during office hours)

## SECTION 2: HAZARDS IDENTIFICATION

### Classification of the substance or mixture

The product is not classified.

67/548/EEC / 1999/45/EC: -

GHS: -

### Label elements

(\*)

The substance/mixture does not meet the criteria for classification in accordance with the hazard criteria of the National Model Regulation for the control of workplace hazard substances and the MSDS contains all the information required by the National Model Regulation for the control of workplace hazard substances.

### Other hazards

Fine particles may form explosive vapour/air mixtures. Dust may irritate the eyes and the respiratory system. (\*)

PBT/vPvB: Not relevant.

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Substances

The product contains: abrasive .

67/548/EEC:

<u>%:</u>	<u>CAS-No.:</u>	<u>EC No.:</u>	<u>REACH Reg. No:</u>	<u>Chemical name:</u>	<u>Hazard classification:</u>	<u>Notes:</u>
100	1344-28-1	418-390-1	-	Aluminium oxide	-	

GHS:

<u>%:</u>	<u>CAS-No.:</u>	<u>EC No.:</u>	<u>REACH Reg. No:</u>	<u>Chemical name:</u>	<u>Hazard classification:</u>	<u>Notes:</u>
100	1344-28-1	418-390-1	-	Aluminium oxide	-	

References: The full text for all R-phrases and hazard statements are displayed in section 16.

## SECTION 4: FIRST AID MEASURES

### Description of first aid measures

Inhalation: If uncomfortable during dust-raising work: Move into fresh air and keep at rest.  
Skin contact: Remove contaminated clothes and rinse skin thoroughly with water.  
Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring these instructions.  
Ingestion: Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable seek hospital and bring these instructions.

### Most important symptoms and effects, both acute and delayed

Symptoms/effects: See section 11 for more detailed information on health effects and symptoms.

### Indication of any immediate medical attention and special treatment needed

Medical attention/treatments: Not known.

## SECTION 5: FIREFIGHTING MEASURES

### Extinguishing media

Extinguishing media: Use fire-extinguishing media appropriate for surrounding materials.

### Special hazards arising from the substance or mixture

Specific hazards: No specific precautions.

### Advice for firefighters

Protective equipment for fire-fighters: Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid inhalation of dust.

### Environmental precautions

Environmental precautions: Do not discharge into drains, water courses or onto the ground.

### Methods and material for containment and cleaning up

Spill Cleanup Methods: Collect spillage with shovel, broom or the like.

### Reference to other sections

References: For personal protection, see section 8. For waste disposal, see section 13.

## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

Safe handling advice: Avoid inhalation of dust. Avoid contact with skin and eyes. Avoid spreading dust. Observe good chemical hygiene practices.

Technical measures: Work practice should minimise contact.

Technical precautions: Local exhaust is recommended.

### Conditions for safe storage, including any incompatibilities

Technical measures for safe storage: No special precautions.

Storage conditions: Store in closed original container in a dry place.

### Specific end use(s)

Specific use(s): Not relevant.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

Occupational exposure limits:

<u>CAS-No.:</u>	<u>Chemical name:</u>	<u>As:</u>	<u>Exposure limits:</u>	<u>Type:</u>	<u>Notes:</u>	<u>References:</u>
1344-28-1	Aluminium oxide (inhalable dust)	-	10 mg/m3	TWA	-	NOHSC

### Exposure controls

Engineering measures: Provide adequate ventilation. Observe occupational exposure limits and minimise the risk of inhalation of dust. Local exhaust is recommended.

Personal protection: Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Respiratory equipment: During dust-raising work: Use respiratory equipment with particle filter, type P2.

Hand protection: No special precautions.

Eye protection: During dust-raising work: Wear goggles/face shield.

Skin protection: No special precautions.

Environmental Exposure Controls: Not available.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance: white powder

Odour: Not available.

pH: Not available.

Boiling point: Not available.

Flash point: Not available.

Explosion limits: Not available.

Relative density: 4,0

Solubility: insoluble in water

### Other information

Other data: Volatile Organic Compound (VOC): 0 g/l

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## SECTION 10: STABILITY AND REACTIVITY

### Reactivity

Reactivity: None known.

### Chemical stability

Stability: Stable under normal temperature conditions.

### Possibility of hazardous reactions

Hazardous Reactions: None known.

### Conditions to avoid

Conditions/materials to avoid: None specific.

### Incompatible materials

Incompatible materials: None known.

### Hazardous decomposition products

Hazardous decomposition products: None in particular.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on toxicological effects

Inhalation: Dust may irritate throat and respiratory system and cause coughing.

Skin contact: Prolonged contact may cause redness and irritation.

Eye contact: Dust in the eyes will cause irritation.

Ingestion: No harmful effects expected in amounts likely to be ingested by accident.

Specific effects: Risk of long-term effects is expected to be minimal from occupational exposure.

Carcinogenicity:  
National Toxicology Program (NTP): No.  
I.A.R.C. Monographs: No.

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## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity

Ecotoxicity: The environmental hazard of the product is considered to be limited.

### Persistence and degradability

Degradability: The degradability of the product has not been stated.

### Bioaccumulative potential

Bioaccumulative potential: No data available on bioaccumulation.

### Mobility in soil

Mobility: No data available.

### Results of PBT and vPvB assessment

PBT/vPvB: Not relevant.

### Other adverse effects

Other adverse effects: None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

Waste from residues: EWC-code: 16 05 09

## SECTION 14: TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADG).

### UN number

UN-No: -

### UN proper shipping name

Proper Shipping Name: -

### Transport hazard class(es)

Class: -

### Packing group

PG: -

### Environmental hazards

Marine pollutant: -

Environmentally Hazardous substance: -

### Special precautions for user

Special precautions: None known.

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Transport in bulk: Not relevant.

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## SECTION 15: REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

Special provisions: AICS: Listed.

National regulation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

Work Health and Safety Regulations 2011

National model Code of Practice for the Labelling of Workplace Hazardous Chemicals (2011)

National model Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals (2011).

National Exposure Standard [NOHSC:1003(1995)].

The Industrial Chemicals (Notification and Assessment) Act 1989 (Commonwealth), including listing on the Australian Inventory of Chemical Substances (AICS).

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

### Chemical Safety Assessment

CSA status: Not relevant.

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## SECTION 16: OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

The following sections contain revisions or new statements: 2.

The (\*) indicates the changes made with respect to the previous version.

Approved by DHI.

Allan Vorup

Additional information: Classification according to Regulation (EC) No. 1272/2008:  
Calculation method.

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The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

Made by DHI - Environment and Toxicology, Agern Allé 5, DK-2970 Hørsholm, Denmark.  
[www.dhigroup.com](http://www.dhigroup.com).

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