



Airbrasive, L L C

SAFETY DATA SHEET

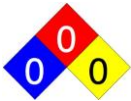

According to 1907/2006 (REACH) 1272/2008/EC (CLP) and US GHS

Revision: 04-25-2025

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

1.1	Product Identifier	AccuBRADE 10,-50, Blend #3, #5; AP105, AP 106, AP107, AP108 AP123, AP903, AP905
	GHS Product Identifier	See Product Identifier Above
	Chemical Name	Mixture (White Aluminum Oxide)
	Trade Name	See Product Identifier
	CAS No.	1344-28-1
	EINECS No.	215-691-6
	REACH Registration No.	01-2119529248-35-0043
1.2	Relevant Identified Uses of the Substance Or Mixture And Uses Advised Against	
	Application of the Substance/the mixture	Product component
1.3	Details of the Supplier of the Safety Data Sheet	
	Company Identification	Airbrasive, LLC
	Address	200 School Alley Suite 7 Green Lane, PA 18054
	Telephone	866-272-0540
	Email	info@airbrasive.com
1.4	Emergency Telephone Number	866-272-0540

SECTION 2: HAZARDS IDENTIFICATION

2.1	Classification of the Substance or Mixture			
2.1.1	Classification according to Regulation (EC) No. 1272/2008 (CLP)			
	The product is not classified as hazardous according to the Globally Harmonized System (GHS). The product is not classified as hazardous to OSHA GHS regulation within the United States. The product is not classified as hazardous according to the CLP regulation.			
	Additional information:			
	There are no other hazards not otherwise classified that have been identified. 0% of the mixture consists of components (s) of unknown policy.			
2.2	Label Elements			
2.2.1	Label Elements According to Regulation (EC) No. 1272/2008 (CP)			
	This product does not have a classification according to the CLP regulation. The product is not classified as hazardous according to OSHA GHS regulations within the United States.			
	Hazard	Not Regulated	Signal	Not Regulated
	Pictogram (s)		Word (s)	
	Hazard - determining components of labeling: None			
	Hazard Statement (s)	Not Regulated		
	NFPA ratings (scale 0-4)		Health = 0	
			Fire= 0	
			Reactivity=0	
	HMIS ratings (Scale 0-4)		Health = 0	
			Fire=0	
			Reactivity=0	
	HMIS Long Term Hazard	None of the ingredients are listed		

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2.3	Substances Other Hazards Result of PBT and vPvB assessment	PBT: Not applicable vPvB: Not applicable
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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1	Substances CAS No. Description: 1344-28-1 aluminum oxide
	Identification number(s) EC number: 215-691-6

SECTION 4: FIRST AID MEASURES

4.1	Description of First Aid Measures	
	General Information	No special measures required.
	After Inhalation:	Supply fresh air, consult doctor in case of complaints.
	After Skin contact:	Brush off loose particles from skin. Wash with soap and water. If skin irritation is experienced, consult a doctor.
	After Eye Contact:	Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persists, consult a doctor.
	After Swallowing:	Rinse out mouth and then drink plenty of water. Do not induce vomiting, call for medical help immediately.
4.2	Most Important Symptoms And Effects Both Acute And Delayed Hazards	Slight irritant effect on eyes. No further relevant information available.
4.3	Indication Of The Immediate Medical Attention And Special Treatment Needed	No further relevant information available.

SECTION 5: FIRE-FIGHTING MEASURES

5.1	Extinguishing Media	
	Suitable Extinguishing Media:	Use fire extinguishing methods suitable to surrounding conditions.
	Unsuitable Extinguishing Media:	None
5.2	Special Hazards Arising From The Substance Or Mixture	No further relevant information
5.3	Advise for fire Fighters	Wear self-contained respiratory protective device. Wear fully protective suit.
	Additional Information	No further relevant information available.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	Personal Precautions, Protective Equipment And Emergency procedures	Avoid formation of dust. For large spills, wear protective clothing. For large spills use respiratory protective device against the effects of fumes/dust/aerosol. Ensure adequate ventilation.
6.2	Environmental Precautions	No special measure required
6.3	Methods And Materials For Containment And Cleaning Up	Pick up mechanically. Send for recovery or disposal in suitable receptacles. Dispose contaminated materials as waste according to item 13.
6.4	Reference To Other Sections	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1	Precaution For safe Handling Information About Fire-and Explosion protection	Any unavoidable deposit of dust must be regularly removed. Use only in well ventilated areas. Do not dry clean dust covered objects and floors. Wash thoroughly with plenty of water. Prevent formation of dust. No special measures required.
7.2	Conditions for Safe Storage, Including any Incompatibilities: Requirements to be Met by Storerooms And receptacles: Information about Storage in One Common Storage Facility: Further Information about storage conditions:	No special requirements Store away from oxidizing agents. Store away from foodstuffs. Do not store together with acids. None.
7.3	Specific End Use (s)	No further relevant information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical facilities: No further Data; see item 7

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

Aluminum Oxide	1344-28-1	PEL (USA)	Long-term value: 15*, 15** mg/m ³ *Total dust, **Respirable fraction
		REL (USA)	Long-term value: 10*, 5** mg/m ³ As Al *Total dust, ** Respirable/pyro powd./welding f.
		TLV (USA)	Long-term value: 1* mg/m ³ As Al; *as respirable fraction
		EL (Canada)	Long-term value: 1,0 mg/m ³ respirable, as Al
		EV (Canada)	Long-term value: 10 mg/m ³ total dust

DNELs No further relevant information.

PNECs No further relevant information.

Additional Information: The lists valid during the making were used as basis.



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.2 Exposure Controls
Personal protective equipment:
General Protective and hygienic measures:

8.2	Exposure Controls	
8.2.2	Personal Protective Equipment:	
	General Protective and Hygienic Measures	The usual precautionary measures are to be adhered to when handling chemicals. Wash hands before breaks and at the end of work. Avoid contact with eyes. Do not inhale dust/smoke/mist. Avoid close or long term contact with the skin. Keep away from foodstuffs, beverage and feed.
	Respiratory Protection	Not required under normal condition. Use suitable respiratory protective device when high concentrations are present. For spills, respiratory protection may be advisable.
	Eye Protection	Wear safety glasses.
	Protection of hands	Wear protective gloves
	Body Protection	Not required under normal conditions of use. Protection may be required for spills
	Risk management Measures	No further relevant information available. See Section 7 for additional information

SECTION 9: STABILITY AND REACTIVITY

9.1 Information on Basic Physical And Chemical Properties

Appearance	Powder	Color	According to product specification
Odor	Characteristic	Odor Threshold (ppm)	Not available
Melting Point (°C)/			
Freezing Point (°C)	2050 °C (3812 °F)	Boiling Point/Boiling Range (°C)	Not available
Flash Point (°C)	No Data	Explosive Unit Ranges	Not available
Auto Ignition			
Temperature (°C)	Not available	Decomposition Temperature (°C)	Not available
Explosive Properties	None	Oxidizing Properties	Not available
Flammability (Solid, Gas)	Not available	Ph (Value)	Not available
Evaporation Rate	N/A	Vapor pressure (mm Hg)	Not available
Vapor Density (Air=1)	N/A	Density (g/ml)	3.88 g/cm ³
Solubility (Water)	Insoluble	Solubility (Other)	Not available
Partition Coefficient (N- Octanol/Water)	Not available	Viscosity (mPa.s)	Not available

9.2 Other Information Volatile Organic Chemical (VOC) Content—Not available

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SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity	
10.2	Chemical Stability	
	Thermal Decomposition / conditions	No decomposition if used according to specification
	To be avoided:	
10.3	Possibility of Hazardous Reaction	Reacts with strong acids and alkali. React with strong oxidising agents.
10.4	Conditions To Avoid	No further relevant information available.
10.5	Incompatible Materials	No further relevant information available.
10.6	Hazardous Decomposition Product (s)	Possible in traces.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on Toxicological Effects	
	LD/LC50 values relevant for classification:	None
	Primary Irritant Effect:	
	On the skin:	Slight irritant effect on skin and mucous membranes.
	On the eye:	Slight irritant effect on eyes.
	Sensitization:	No sensitizing effects known.
	Additional Toxicological Information	The substance is not subject to classification according to the latest version of the EU lists.
	CMR effects (carcinogenicity, mutagenicity, and toxicity for reproduction):	No further relevant information available.

SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	No Data
	Aquatic Toxicity	No further relevant information available.
12.2	Persistence and Degradability	Inorganic product is not eliminable from water by means of biological processes.
12.3	Bioaccumulative Potential	Does not accumulate in organism.
12.4	Mobility in Soil	No further relevant information available.
	Additional ecological information:	
	General notes:	Generally not hazardous for water.
12.5	Result of PBT and vPvB Assessment	PBT: Not applicable vPvB: Not applicable
12.6	Other Adverse Effect	No further relevant information available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste Treatment Methods Recommendation	Smaller quantities can be disposed of with household waste. Contact waste processors for recycling information. The user of this material has the responsibility to dispose of unused material, residue and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.
	Uncleaned Packaging: Recommendations:	Disposal must be made according to official regulations.

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SECTION 14: TRANSPORT INFORMATION

Land Transportation (ADR/RID) (c) (d)		Land Transport (Within USA) (d)	
UN Number	None	UN Number	None
Proper Shipping Name	Not classified as Dangerous for transport	Proper Shipping Name	Not Classified as Dangerous for transport
Transport Hazard Class (es)	None	Transport Hazard Class (es)	None
Packing Group	None	Packing Group	None
Hazard label (s)	None	Hazard label (s)	None
Environmental hazard	None	Environmental hazard	None
Special Precaution for User	None	Special Precaution for User	None
Sea Transport (IMDG) (c)		Air Transport (ICAO/IATA) (c) (d)	
UN Number	None	UN Number	None
Proper Shipping Name	Not classified as Dangerous for transport	Proper Shipping Name	Not Classified as dangerous for transport
Transport Hazard Class (es)	None	Transport Hazard Class (es)	None
Packing Group	None	Packing Group	None
Hazard label (s)	None	Hazard label (s)	None
Maritime Pollutant	None	Maritime Pollutant	None
Special Precaution for User	None	Special Precaution for User	None

(c) Consult with transport provider
(d) Check relevant regulations for Special Provisions
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific For The Substance or Mixture		
USA		
SARA		
Section 355 (extremely hazardous Substance)	Substance is not listed	
SARA 313 (Specific toxic Chemical listings)	Substance is listed	
TSCA (Toxic Substance Control Act)	Substance is listed	
Proposition 65(California)		
Chemical known to cause cancer	Substance is not listed	
Chemicals known to cause reproductive Toxicity for females	Substance is not listed	
Chemical known to cause reproductive Toxicity for males	Substance is not listed	
Chemical known to cause developmental toxicity	Substance is not listed	
Carcinogenic Categories		
EPA (Environmental Protection Agency)	Substance is not listed	
IARC (International Agency for Research) on Cancer	Substance is not listed	
TLV (threshold Limit Value established by ACGIH)	1344-28-1 aluminum oxide	A4
MAK (German Maximum Workplace Concentration)	1344-28-1 aluminum oxide	2
NiOSH-Ca (National Institute for Occupational Safety and Health) Canada	Substance is not listed	
Canada		
Canadian Domestic Substance List (DSL)	Substance is listed	
Canadian Ingredient Disclosure list (limit 0.1%)	Substance is not listed	
Canada Ingredient Disclosure list (limit 1%)	Substance is listed	
Other regulations, limitations and prohibitive regulations		
This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.		
Substances of very high concern (SVHC)	Substance is not listed	
According to REACH, Article 57		
15.2 Chemical Safety Assessment	A Chemical Safety Assessment has not been carried out	

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SECTION 16: OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Additional Information:

- The accumulation of airborne dust particles may lead to health and safety risks in some cases. The use of good industrial practices will mitigate this risk.
- The health risk from inhalation of dust particles varies; this is due to particle concentration, exposure length, number of exposures and type of particles inhaled. Please read Section 2, 4, 6, 7 and 8 of the SDS to understand these potential risks. Wear personal protective equipment and follow storage and handling procedures to maintain a safe workplace.
- In rare instances, combustible dusts may represent a potential explosion hazard when airborne. This hazard is often associated with organic dust such as foodstuff and coal, but may also occur with mineral products. While the majority of our products would be considered non-combustible, the overall airborne environment should be considered when determining the need for mitigation from the potential hazard. Consult recognized experts when necessary in order to determine any possible hazard.

Please read the SDS for specific information concerning these hazards, and contact us with any further questions. We appreciate your continued business.

ABBREVIATION AND ACRONYMS:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG	International Maritime Code for Dangerous Goods
DOT	US Department of Transportation
IATA	International Air Transport Association
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
ACGIH	American Conference of Governmental Industrial Hygienists
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
CAS	Chemical Abstract Service (Division of the American Chemical Society)
NFPA	National Fire Protection Association (USA)
HMIS	Hazardous materials Identification System (USA)
LC50	Lethal Concentration, 50 percent
LD50	Lethal dose, 50 percent
WHMIS	Workplace Hazardous Materials Information System (Canada)
DNEL	Derived No-Effect Level (REACH)
PNEC	Predicted No-Effect Concentration (REACH)