



Airbrasive, LLC

# 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  | AccuCUT 50, Blend#8, AP114, AP 115, AP128, AP908 |
|     | GHS Product Identifier  | See Product Identifier Above                     |
|     | Chemical Name   | Mixture (Silicon Carbide)                        |
|     | Trade Name  | See Product Identifier                           |
|     | CAS No.   | 409-21-2   |
|     | EINECS No.  | 206-991-8  |
|     | REACH Registration No.  | 01-2119402892-42-0012                            |
| 1.2 | Relevant Identified Uses of the Substance Or Mixture And User Advised Against Identified Use(s) | Consult the supplier                             |
|     | Uses Advised Against  | Users are recommended to seek further advice     |
| 1.3 | Details of the Supplier of the Safety Data Sheet  |  |
|     | Company Identification  | Alrbrasive, LLC                                  |
|     | Address   | 200 School Alley<br>Green Lane, PA 18054         |
|     | Telephone   | 866-272-0540                                     |
|     | <b>Email</b>  | 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 <b>according to Regulation (EC) No. 1272/2008 (CLP)</b>   |   |  |
|       | Classification listed also are applicable to the OSHA GHS hazard Communication Standard (29CFR1910,1200)   |   |  |
|       | Hazards Pictogram(s)   |  | GHS08 Health Hazard  |
|       | Carc 1A H350: May cause cancer. Route of exposure inhalative   |   |  |
|       | Additional Information:<br>Silicon carbide is not contributing to the hazard classification of the product Quartz is the hazard determining component. |   |  |
| 2.2   | Label Elements   |   |  |
|       | Label Elements <i>According to Regulation (DC) No. 1272/2008 (CP)</i>  |   |  |
|       | This product is additionally classified and labeled according to the Globally Harmonized System within the United States (GHS).                        |   |  |
|       | This substance is classified and labeled according to the CLP regulation.  |   |  |
|       | <b>Hazard Pictogram (s)</b>  |  | GHS08      Signal Word (s)      DANGER   |
|       | Hazard - determining components of labeling: None  |   |  |
|       | Hazard Statement (s)   | H350  | May cause cancer. Route exposure inhalative  |
|       | Precautionary Statement (s)  | P261  | Use Personal protective equipment as required  |
|       |  | P202  | Do not handle until all safety precaution have been read and Understood.                   |
|       |  | P308 + P313   | If exposed or concerned. Get medical advice/attention                                      |
|       |  | P501  | Dispose of contents/container in accordance with local/regional/International regulations. |
|       | r'age Ho   |   |  |

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Additional Information  
Hazard description:  
NFPA ratings  
(scale 0-4)



Health - 1  
Fire= 0  
Reactivity=0

HMIS ratings  
(Scale 0-4)



Health - '1  
Fire=0  
Reactivity=0


\* indicates long term health hazard from repeated or prolonged exposures.

HMIS Long Term Health Hazard Substances 14808-60-7 Quartz (SION)

2.3 Other Hazards  
Result of PBT and vPvB assessment pbt: Not applicable  
vPvB: Not applicable

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances  
CAS No. description: 409-21-2 silicon carbide  
Identification number(s)  
EC number: 206-991-8  
Dangerous components:

| Hazardous Ingredients | *%W/W | CAS No.    | EC No.    | REACH Registration | Hazard Pictogram(s) and Hazard Statement (s)   |
|-----------------------|-------|------------|-----------|--------------------|--|
| Quartz (SiOt)         | «0.5  | 14808-60-7 | 238-878-4 | NA                 |  3.6/1A<br>H350 |

## SECTION 4: FIRST AID MEASURES

|     |   |  |
|-----|---|--|
| 4.1 | Description of First Aid Measures<br>General Information<br>After Inhalation:<br>After Skin contact:<br>After Eye Contact:<br>After Swallowing: | Take affected persons out into the fresh air.<br>Provide oxygen treatment if affected person has difficulty breathing. Supply fresh air, consult doctor in case of complaints.<br>Brush off loose particles form skin. If skin irritation is experienced. Consult a doctor. Wash with soap and water.<br>Remove contact lenses if wom. Rinse opened eye for several minutes under running water. If symptoms persists, consult a doctor.<br>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. Slight irritant effect on skin and mucous membranes. Breathing difficulty. Coughing.<br>May cause cancer. Route of exposure inhalative.  |
| 4.3 | Indication Of The Immediate Medical Attention And Special Treatment Needed  | No further relevant infomation available.  |

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## SECTION 5: FIRE-FIGHTING MEASURES

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

## SECTION 6: ACCIDENTAL RELEASE MEASURES

- |     |   |
|-----|---|
| 6.1 | <b>Personal Precautions, Protective Equipment And Emergency procedures</b><br>Ensure adequate ventilation. Avoid formation of dust. For large spills use respiratory protective device against the effects of fumes/dust/aerosol. For Large spills, wear protective clothing. |
| 6.2 | Environmental Precautions<br>Do not allow to enter sewer/surfaces or ground water.  |
| 6.3 | Methods And Materials For Containment And Cleaning Up<br>Pick up mechanically. Dispose contaminated materials as waste according to item 13. Send for recovery or disposal in suitable receptacles.   |
| 6.4 | Reference To Other Sections<br>See Section 7 for information on safe handling.<br>See Section 8 for information on personal protection equipment.<br>See Section 13 for disposal information.   |

## SECTION 7: HANDLING AND STORAGE

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

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## 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: |            |             |   |
|---|------------|-------------|---|
| Silicon Carbide   | 409-21-2   | PEL (USA)   | Long-term value: 15 <sup>m</sup> , 15 <sup>m</sup> mg/m <sup>3</sup><br>Fibrous dust, <sup>m</sup> total dust, <sup>m</sup> Respirable fraction |
|   |            | REL (USA)   | Long-term value: 10 <sup>m</sup> , 5 <sup>m</sup> mg/m <sup>3</sup><br>Total dust, <sup>m</sup> Respirable/pyro powd./welding f.                |
|   |            | TLV (USA)   | Long-term value: 10 <sup>m</sup> 3 <sup>m</sup> mg/m <sup>3</sup><br>Fibrous Dust: 0.1 f/cc, non fibrous: " inh.,*respirable fraction           |
|   |            | EL (Canada) | Long-term value: 10 <sup>m</sup> 3 <sup>m</sup> mg/m <sup>3</sup><br>* Inhalable, **Respirable  |
|   |            | EV(Canada)  | Long-term value: 10 <sup>m</sup> 3 <sup>m</sup> mg/m <sup>3</sup> 0.1 f/cc ppm<br>Nonfibrous: "inhalable, "" respirable, "" fibrous respirable  |
| Quartz (SiO <sub>2</sub> )  | 14808-60-7 | PEL (USA)   | See Quartz listing  |
|   |            | REL (USA)   | Long-term value: 0.05 <sup>m</sup> mg/m <sup>3</sup><br>"respirable dust; See Pocket Guide App A  |
|   |            | TLV (USA)   | Long-term value: 0.025 <sup>m</sup> mg/m <sup>3</sup><br>* as respirable fraction   |
|   |            | EL (Canada) | Long-term value: 0.025 mg/m <sup>3</sup><br>ACGIH A2; IARC 1  |
|   |            | EV (Canada) | Long-term value: 0.10 <sup>m</sup> mg/m <sup>3</sup><br>"respirable fraction  |

DNELs No further relevant information  
PNECs No further relevant information

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

### 8.2 Exposure Controls

Personal protective equipment:  
General Protective and hygienic measures:

|   |   |   |
|---|---|---|
| 8.2   | Exposure Controls   |   |
| 8.2.2   | Personal Protective Equipment:                              |   |
|   | General <b>Protective</b> and Hygienic Measures             | The usual precautionary measures are to be adhered to when handling chemicals. Immediately remove all soiled and contaminated clothing. Do not inhale dust/smoke/mist. Avoid contact with eyes and skin. Keep away from foodstuff, beverages and feed. Wash hands before breaks and at the end of work. |
|   | Respiratory Protection                                      | Use suitable respiratory protective device when high concentrations are present for spills, respiratory protection may be advisable.  |
|  | Eye Protection  | Wear safety glasses.  |
|  | <b>Protection of hands</b>                                  | Wear Protective gloves  |
|   | <b>Body Protection</b>                                      | Not required under normal conditions of use. Protection may be required for spills  |
|   | Limitation and supervision of exposure into the environment | No further relevant information available   |
|   | Risk management Measures                                    | No further relevant information available. See Section 7 for additional information   |

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|   |  |                                  |               |
|---|--|----------------------------------|---------------|
| <b>9.1</b>                                  | <b>Information on Basic Physical And Chemical Propertiee</b>                   |                                  |               |
| Appearance                                  | Gradnulate   | Color                            | Black         |
| Odor  | Odorless   | Odor Threshold (ppm)             | Not available |
| Melting Point (°C)/<br>Freezing Point (°C)  | Not available  | Boiling Point/Boiling Range (°C) | Not available |
| Flash Point (°C)                            | No Data  | Explosive Unit Ranges            | Not available |
| Auto Ignition<br>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)                   | 3.19 g/cmm    |
| Solubility (Water)                          | Insoluble  | Solubility (Other)               | Not available |
| Partition Coefficient (N-<br>Octanol/Water) | Not available  | Viscosity (mPa.5)                | Not available |
| <b>9.2</b>                                  | <b>Other Information</b> Volatile Organic Chemical (VOC) Content—Not available |                                  |               |

## SECTION 10: STABILITY AND REACTIVITY

|      |  |  |
|------|--|--|
| 10.1 | Reactivity   |  |
| 10.2 | Chemical Stabllity                                   |  |
|      | Thermal Decomposition / conditions<br>To be avoided: | No decomposition if used according to specification            |
| 10.3 | Possibility of Nazardous Reaction                    | Reacts with strong alkali. React with strong oxidizing 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

|   |   |  |
|---|---|--|
| <b>11.1</b>   | <b>Information on Toxicological Effects</b>   |  |
| Primary Irritant Effect:  |   |  |
| On the skin:  | Slight irritant effect on skin an mucous membrane   |  |
| On the eye:   | Slight irritant effect on eyes.   |  |
| Sensitization:  | No sensitizing effects known.   |  |
| Additional Toxicological<br>Information   | May cause cancer. Route of exposure: Inhalative   |  |
| Acute effects (acute toxicity,<br>Irritation and corrosivity):                  | Irritating is inhaled, causing symptoms of coughing and shortness of breath.  |  |
| Repeated dose Toxicity:   | May cause damage to organs through prolonged or repeated exposure.<br>Repeated exposures may result in skin and/or respiratory sensitivity. |  |
| CMR effects (carcinogenity,<br>Mutagenicity, and toxicity for<br>Reproduction): | Care. 1A  |  |

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## SECTION 12: ECOLOGICAL INFORMATION

|      |                                    |  |
|------|------------------------------------|--|
| 12.1 | <b>Toxicity</b>                    | No Data  |
|      | Aquatic Toxicity                   | No further relevant information available  |
| 12.2 | Persistence and Degradability      | No further relevant information available  |
| 12.3 | Bioaccumulative Potential          | No further relevant information available  |
| 12.4 | <b>Mobility in Soil</b>            | No further relevant information available  |
|      | Additional ecological information: |  |
|      | General notes:                     | Water hazard class 1 (German Regulation) (Self-Assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Danger to drinking water even if small quantities leak into the ground. |
| 12.5 | Result of PBT and vPvB Assessment  | PBT: Not applicable<br>vPvB: Not applicable  |
| 12.6 | <b>Other Adverse Effect</b>        | No further relevant information available  |

## SECTION 13: DISPOSAL CONSIDERATIONS

|      |  |  |
|------|--|--|
| 13.1 | Waste Treatment Methods Recommendation | Must not be disposed together with household garbage. Do not allow product reach sewage system. Contact manufacturer for recycling information. Contact waste processors for recycling information. The user of this material has the responsibility to dispose unused material, residues 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.   |

## SECTION 14: TRANSPORT INFORMATION

|  |   |  |   |
|--|---|--|---|
| <b>Land Transportation (ADR/RID) (c) (d)</b> |   | <b>Land Transport (Within USA) (d)</b>   |   |
| 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                                      |
| <b>Sea Transport (IMDG) (c)</b>              |   | <b>Air Transport (ICAO/IATA) (c) (d)</b> |   |
| 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 MARPOL 73/78 and the IBC Code

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## 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 not listed                               |    |
|      | TSCA (Toxic Substance Control Act)   | Substance is listed                                   |    |
|      | Proposition 65( California)  |   |    |
|      | Chemical known to cause cancer   | 14808-60-7 Quartz (SiO <sub>2</sub> )                 |    |
|      | Chemicals known to cause reproductive Toxicity for female                                      | Substance is not listed                               |    |
|      | Chemical known to cause reproductive Toxicity for male   | Substance is not listed                               |    |
|      | Ghemical 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   | 14808-60-7 Quartz (SiO <sub>2</sub> )                 | 1  |
|      | TLV (threshold Limit Value established by ACGIH)   | 409-21-2 Silicon Carbide                              | A2 |
|      |  | 14808-60-7 Quartz (SiO <sub>2</sub> )                 | A2 |
|      | MAK ( Geman Maximum Workplace Concentration)   | 409-21-2 Silicon Carbide                              | 2  |
|      | NiOSH-Ca (National Institute for Occupational Safety and Health) Canada                        | 14808-60-7 Quartz (SiO <sub>2</sub> )                 | 1  |
|      | 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 not listed                               |    |
|      | Other regulations, limitations and prohibitive 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 |    |

## 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.

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## ABBREVIATION **AND ACRONYMS:**

|               |   |
|---------------|---|
| <b>ADR</b>    | Accord european sur le transport des marchandises dangereuses per Route<br>(European Agreement concerning the International Carriage of Dangerous Good by Road) |
| <b>IMDG</b>   | International Maritime Code for Dangerous Goods   |
| <b>DOT</b>    | US Department of Transportation   |
| <b>IATA</b>   | International Air Transport Association   |
| <b>GHS</b>    | Globally Harmonized System of Classification and Labelling of Chemicals   |
| <b>ACGIH</b>  | American Conference of Governmental Industrial Hygienists   |
| <b>EINECS</b> | European Inventory of Existing Commercial Chemical Substance  |
| <b>ELINCS</b> | European List of Mortified Chemical Substances  |
| <b>CAS</b>    | Chemical Abstract Service (Division of the American Chemical Society)   |
| <b>NFPA</b>   | National Fire Protection Association (USA)  |
| <b>HMIS</b>   | Hazardous materials Identification System (USA)   |
| <b>LC50</b>   | Lethal Concentration, 50 percent  |
| <b>LD50</b>   | Lethal dose, 50 percent   |