



# Airbrasive, LLC

## SAFETY DATA SHEET

Date: 04-25-2025

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

|     |   |  |
|-----|---|--|
| 1.1 | Product Identifier  | AccuCLEAN 50, Blend 44, AP111, AP112, AP904                  |
|     | GHS Product Identifier  | AccuCLEAN 00, Blend #4, AP111, AP112, AP904                  |
|     | Chemical Name   | Sodium Bicarbonate (baking soda)                             |
|     | Trade Name  | AccuCLEAN 50   |
|     | CAS No.   | 144-55-8   |
|     | EC No.  | 205-663-8  |
|     | Reach Registration No.  | Not available  |
| 1.2 | Relevant Identified Uses Of The Substance Or Mixture And Uses Advised Against Identified Use(s) | Consults the supplier.                                       |
|     | Uses Advised Against Uses are recommended to seek further advice.                               |  |
| 1.3 | Details Of The Supplier Of The Safety Data Sheet  |  |
|     | Company identification  | Airbrasive, LLC.   |
|     | Address   | 200 School Alley Suite 7<br>Green Lane, PA 18054             |
|     | Telephone   | 866-272-0540   |
|     | E-mail  | <a href="mailto:info@airbrasive.com">info@airbrasive.com</a> |
| 1.4 | Emergency Telephone Number  | — CHEMTREC   |
|     |   | 800-424-saoudius /canada), 706-527-8887 (International)      |

**SECTION 2: Hazardous Identification**

|       |   |   |
|-------|---|---|
| 2.1   | Classification of the Substance or Mixture                              |   |
| 2.1.1 | Regulation (EC) No. 1272/2008 (CLP) — Name                              |   |
| 2.1.2 | Directive 67/548/EEC & Directive 1999/45/EC - None                      |   |
| 2.2   | Label Elements  |   |
| 2.2.1 | Label Elements According to Regulation (EC) No. 1272/2008 (CLP)         |   |
|       | GHS Product Identifier (EU)   |   |
|       | Hazard Pictogram(s)   | None  |
|       | Signal Word(s)  | None  |
|       | Hazard Statement(s)   | None  |
|       | Precautionary Statement(a)  | None  |
| 2.2.2 | Label Elements According to Directive 67/648/EEC & Directive 1999/40/EC |   |
|       | Hazard Symbols  | None  |
|       | Risk Phrases  | None  |
|       | Safety Phrases  | None  |
| 2.3   | Other Hazards GHG Classification (USA):                                 |   |
|       |   | Not Hazardous under OSHA Hazard Communication Standard        |
|       |   | HMIS: Health - 0, Flammability - 0, Reactivity - 0            |
|       |   | Hazard Statement(s) None                                      |
|       |   | Precautionary Statement(s) None                               |
|       |   | WHMIS/GHG Classification (Canada): Non-Hazardous under WHMIS. |
|       |   | D2B - Material Causing Other Toxic Effects (Irritation)       |
|       |   | Hazard Statement(s) None                                      |
|       |   | Precautionary Statement(s) None                               |
| 2.4   | Additional Information  | See Skelton 16 for additional dust hazard information.        |
|       | Potential Health Effects  |   |
|       | Inhalation  | Possible irritation of the respiratory tract (Dust).          |
|       | Skin Contact  | Mechanical irritation.  |
|       | Eye Contact   | Mechanical irritation, corneal scratches.                     |
|       | Ingestion   | Mechanical and chemical irritant                              |

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

EC Classification No. 1272/2008/EC and GHS Classification

| Hazardous Ingredient(s)   | %W/W | CAS No. | EC No.   | REACH Registration No. | Hazard Pictogram(9) and Hazard Statement(a) |
|---|------|---------|----------|------------------------|---|
| Sodium Bicarbonate  | >99  | 14455-8 | 206633-8 | NA                     | Nxe Neo                                     |
| Impurities: Arsenic • Heavy metals + Carbonate + Chloride • Sulfur compounds • Organic volatile impurities = <1.096 |      |         |          |                        |   |

EC Classification No. 67/64/EEC

| Hazardous Ingredient(s)   | %W/W | CAS No.  | EC No.    | REACH Registration No. | Hazard Pictogram(a) and Risk (R) Phrases |
|---|------|----------|-----------|------------------------|--|
| <b>Sodium Bicarbonate</b>   | 99   | 144-55-8 | 305-633-8 | NA                     | <b>None None</b>                         |
| Impurities: Ammonia • Arsenic • Heavy metals + Carbonate • Chloride + Sulfur compounds • Organic volatile impurities = <1.096 |      |          |           |                        |  |

3.3 Additional Information - For full text of H phrases see section 16. For full text of R phrases see section 16. Non-Hazardous ingredients are not listed and make up the balance of the product.

## SECTION 4: FIRST AID MEASURES

|     |   |  |
|-----|---|--|
| 4.1 | Description of First Aid Measures                           |  |
|     | Inhalation  | Remove person from exposure. Keep patient at rest and give oxygen if breathing difficult. If symptoms develop, obtain medical attention.                           |
|     | Skin Contact  | Remove contaminated clothing immediately and drench affected skin with plenty of water. If irritation (redness, rash, blistering) develops, get medical attention. |
|     | <b>Eye Contact</b>  | Irrigate with eyewash solution or clean water. Holding the eyelids apart, for at least 15 minutes. Obtain immediate medical attention.                             |
|     | Ingestion   | Avoid ingestion. Do not induce vomiting. Get immediate medical attention.  |
| 4.2 | Most Important Symptoms And Effects, Both Acute And Delayed | Acute: None known<br>Delayed and Chronic Effects: None known   |
| 4.3 | Indication Of Treatment And Special Treatment Needed        | Treat symptomatically.   |

## SECTION 5: FIRE-FIGHTING MEASURES

|     |   |  |
|-----|---|--|
| 5.1 | Extinguishing Media Suitable Extinguishing Media Unsuitable Extinguishing Media | Extinguisher suitable for ordinary combustible materials Class A extinguishing agents.<br>None known.    |
| 6.2 | Special Hazards Arising From The Substance Or                                   | A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions. |
| 6.3 | Advice For Firefighters   | Extinguish preferably with dry chemical, foam or water spray.  |

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

|     |   |   |
|-----|---|---|
| 6.1 | Personal Precautions, Protective Equipment And Emergency Procedures | Avoid dust generation. Ensure full personal protection (including respiratory protection) during removal of spillages. (For emergency and non-emergency personnel)        |
| 6.2 | Environmental Precautions   | Ventilation recommended. No special measures are required.  |
| 6.3 | Methods And Materials For Containment And Cleaning Up               | Collect mechanically and dispose of according to Section 13. Transfer to a lidded container for disposal or recovery. Avoid dust generation. Ensure adequate ventilation. |
| 6.4 | Reference To Other Sections   | See Also Section 7, 8, 13.  |
| 6.5 | Additional Information  | None  |

## SECTION 7: HANDLING AND STORAGE

|     |   |   |
|-----|---|---|
| T.1 | Precautions For Safe Handling Conditions  | Avoid contact with skin and eyes. Wash hands before eating, drinking or smoking. Avoid accumulation or dust. Use only in well-ventilated areas.                               |
| 7.2 | For Safe Storage, Including Any incompatibilities<br>Storage Temperature:<br>Storage Life:<br>Incompatible Materials: | Store in the original container in a cool, dry well-ventilated area. Keep containers tightly sealed.<br>Ambient<br>Not available<br>Acids, except under controlled conditions |

## SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

### 8.1 Control Parameters

#### 8.1.1 Occupational Exposure Limits

| Substance          | CAS No.  | LTEL<br>(8 hr TWA ppm) | LTEL<br>(8 hr TWA<br>mg/m <sup>3</sup> ) | STEL<br>(ppm) | STEL<br>(mg/m <sup>3</sup> ) | Notes:                                  |
|--------------------|----------|------------------------|--|---------------|------------------------------|---|
| Sodium Bicarbonate | 144-55-8 |                        | 5  |               |                              | Latvia,<br>Czech<br>Republic,<br>Russia |

#### 8.1.2 Biological Limit Value

| Limit Value Type<br>{Country Of Origin} | Substance | CAS No. | Biological Limit Value | Note: |
|---|-----------|---------|------------------------|-------|
| USA                                     | None      | None    | None                   | None  |

#### 8.1.3 PNECs and DNELs

No PNECs or DNELs available for product

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## 8.2.2 Personal Protection Equipment

### Respirators

Avoid breathing dust. Assess exposure concentrations of all materials involved in the workplace. If concentrations exceed the exposure limits listed in Exposure Guidelines or Irritation or other symptoms experienced, follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

### Eye Protection

Avoid eye contact. Wear protective eyewear (goggles, face shield, or safety glasses).



### Gloves

No special precautions required.

### Body Protection

No special precautions required.

### Engineering Controls

Provide sufficient ventilation, particularly in closed rooms. Maintain employee exposure below applicable permissible exposure limits.

### Other

Handle in accordance with good industrial hygiene and safety practices.

## 9.1 Information On Basic Physical And Chemical Properties

|  |  |                                  |  |
|--|--|----------------------------------|--|
| <b>Appearance</b>                        | <b>Crystalline powder, solid</b>                         | <b>Color</b>                     | White                                  |
| Odor                                     | Odorless   | Odor Threshold (ppm)             | Not Available                          |
| Melting Point (°C) / Freezing Point (°C) | Decomposes / No information available                    | Boiling Point/Boiling Range (°C) | Not Available                          |
| Flash Point (°C)                         | Not Determinable   | Explosive Limit Ranges           | Not Available                          |
| Auto Ignition Temperature (°C)           | Not Available  | Decomposition Temperature (°C)   | Not Available                          |
| Explosive Properties                     | Not Combustible  | Oxidizing Properties             | Not Available                          |
| Flammability (Solid, Gas)                | Not Available  | pH (Value)                       | 8.3 (1% solution) @ 25°C               |
| Evaporation Rate                         | Not Available  | Vapor Pressure (mm Hg)           | Not Available                          |
| Vapor Density (Air=1)                    | Not Available  | Density (g/ml)                   | <b>0.88 g/cm<sup>3</sup></b><br>@ 25°C |
| Solubility (Water)                       | 9.096 @ 10°C   | 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. |                                  |  |

|             |                                    |   |
|-------------|------------------------------------|---|
| 10.1        | Reactivity                         | None under normal conditions.   |
| 10.2        | Chemical Stability                 | Stable under normal conditions.   |
| 10.3        | Possibility Of Hazardous Reactions | None under normal processing.   |
| <b>10.4</b> | <b>Conditions To Avoid</b>         | Heat, flames and sparks. Take precautionary measures against static discharges. |
| 10.5        | Incompatible Materials             | Except under controlled conditions: Acids                                       |
| 10.6        | Hazardous Decomposition Products   | Reacts with acids to release carbon dioxide gas and heat                        |

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## SECTION 11: TOXICOLOGICAL INFORMATION

| Substance  | CAS No.           | LDS (Oral, Rat)                                   | LC <sub>50</sub> (Inhalation, Rat) | LDS (Dermal, Rat) |
|--|-------------------|---|------------------------------------|-------------------|
| Sodium Bicarbonate   | 144-55-8          | 20%*uny : 4 , 300mgAg<br>5096 slurry: 6.000 mg/kg | <b>No data</b>                     | No data           |
| 11.1 Information On Toxicological Effects  |                   |   |                                    |                   |
| 11.1.2 Mixtures  |                   |   |                                    |                   |
| Acute Toxicity   |                   |   |                                    |                   |
| <i>Inhalation</i>  |                   |   |                                    |                   |
| Inhalation of the dust may cause breathlessness, coughing, tightness of the chest and difficulty in breathing. |                   |   |                                    |                   |
| <i>Skin Contact</i>  |                   |   |                                    |                   |
| Prolonged contact may cause skin abrasion, redness, and itching.   |                   |   |                                    |                   |
| <i>Eye Gnnlect</i>   |                   |   |                                    |                   |
| Eye irritant May cause tearing and rednass.  |                   |   |                                    |                   |
| <i>Ingestion</i>   |                   |   |                                    |                   |
| May cause headache, nausea and vomitings   |                   |   |                                    |                   |
| <b>Irritation</b>  |                   |   |                                    |                   |
| Causes eye irritation. May cause respiratory irritation. May cause transient irritation.                       |                   |   |                                    |                   |
| <b>Corrosivity</b>   |                   |   |                                    |                   |
| Not to be expected.  |                   |   |                                    |                   |
| <b>Sensitization</b>   |                   |   |                                    |                   |
| No data.   |                   |   |                                    |                   |
| Repeated Dose Toxicity   |                   |   |                                    |                   |
| No data.   |                   |   |                                    |                   |
| Carcinogenicity  |                   |   |                                    |                   |
| Not recognized as carcinogenic by research agencies (IARC, NTP, OSHA, ACGIH).                                  |                   |   |                                    |                   |
| Mutagenicity   |                   |   |                                    |                   |
| Not recognized as mutagenic by research agencies (IARC, NTP, OSHA, ACGIH).                                     |                   |   |                                    |                   |
| Toxicity For Reproduction  |                   |   |                                    |                   |
| Not recognized as raproductive toxic by research agencies (IARC, NTP, OSHA, ACCIH).                            |                   |   |                                    |                   |
| 11.2   | Other Information | None  |                                    |                   |

## SECTION 12: ECOLOGICAL INFORMATION

|      |                                    |  |
|------|------------------------------------|--|
| 12.1 | Toxicity                           | No substances known to be toxic to environment     |
| 12.2 | Persistence And Degradability      | No data  |
| 12.3 | Bioaccumulative Potential          | The product has low potential for bioaccumulation. |
| 12.4 | Mobility In Soil                   | Dissociates into ions                              |
| 12.5 | Results Of PBT And Vpvb Assessment | No data  |
| 12.6 | Othar Adverse Effects              | <b>None known</b>                                  |

## SECTION 13: DISPOSAL CONSIDERATIONS

|      |                                |  |
|------|--------------------------------|--|
| 13.1 | <b>Waste Treatment Methods</b> | Solid or chemical waste generators must determine whether a discarded waste is classified as a hazardous waste. U.S. EPA guidelines for the classifications determination are listed in 40 CFR patts 261.3. Disposal should be in accordance with local, state or national legislation. Containers must not be punctured or destroyed by burning, even when <b>empty</b> . |
| 13.2 | Additional Information         | None   |

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## SECTION 14: TRANSPORT INFORMATION

|  |  |   |  |
|--|--|---|--|
| <b>Land Transport (ADRfRID) (c)(d)</b> |  | <b>Land Transport (Within USA) (b)(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)             | <b>None</b>                                | Transport Hazard Class(es)                | None                                       |
| Packing Group                          | None                                       | Packing Group                             | None                                       |
| Hazard Label(s)                        | None                                       | Hazard Label(s)                           | None                                       |
| Environmental Hazards                  | None                                       | Environmental Hazards                     | None                                       |
| Special Precautions For User           | None                                       | Special Precautions 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. | <b>Proper Shipping Name</b>               | Not classified as dangerous for transport. |
| <b>Transport Hazard Class(es)</b>      | None                                       | Transport Hazard Class(es)                | None                                       |
| Packing Group                          | None                                       | Packing Group                             | None                                       |
| Marine Pollutant                       | None                                       | Marine Pollutant                          | None                                       |
| Special Precautions For User           | None                                       | Special Precautions For User              | None                                       |

(b)- ORM-D may be applicable within the USA for package sizes less than 30kg.  
(c)- Consult with transport provider.  
(d)- Check relevant regulations for Special Provisions.  
Transport in bulk according to Annex II of MARPOL73f78 and the IBC Code

## SECTION 15: REGULATORY INFORMATION

|        |  |                      |
|--------|--|----------------------|
| 15.1   | Safety, Health And Environmental Regulations <sup>1</sup> egislation Specific For The Substance Or Mixture |                      |
| 15.1.1 | EU Regulations   |                      |
|        | Authoûzations And/or Restrnctions On Use   | Consult the supplier |
|        | European Union (Einecs/Elincs)   | All chemicals listed |
|        | German WGK Number  | Not available        |
| 15.1.2 | National Regulations   |                      |
|        | <b>USA</b>   |                      |
|        | TSCA (Toxic Substance Control Act)   | No data              |
|        | SARA 311/312 - Hazard <b>Categories</b>  | No data              |
|        | SARA 302 - Extremely Hazardous Substances  | No data              |
|        | SARA 313 - Toxic Chemicals   | No data              |
|        | CERCLA (Comprehensive Environmental Response Compensation and Liability Act)                               | No data              |
|        | CAA (Clean Air Act 1990)   | No data              |
|        | CWA (Clean Water Act)  | No data              |
|        | State Right to Know Lists  | No data              |

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Proposition 65 (California) - This product contains the following substance(s) known to the state of California to cause cancer and/or reproductive harm; Nona.

**Canada**

|  |         |
|--|---------|
| WHM/S Classification                     | No data |
| Canada (DSL/NDSL)                        | No data |
| Canada Ingredient Disclosure List (CIDL) | No data |

|      |                                   |  |
|------|-----------------------------------|--|
| 15.2 | <b>Chemical Safety Assessment</b> | Possible irritant (Respiratory System) |
|------|-----------------------------------|--|

## SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

**LEGEND**

|                  |   |            |  |
|------------------|---|------------|--|
| ACT3IH           | American Conference Of Governmental Industrial Hygienists | NA         | <b>Not Applicable, Not Available</b>                                 |
| AICS             | Australian Inventory Of Chemical Substances               | NIOSH      | National Institute For Occupational Safety And Health                |
| ANSI             | American National Standards Institute                     | ND         | Not Determined   |
| atm              | Atmosphere (Pressure Unit)                                | NFPA       | National Fire Prevention Association                                 |
| BOD              | Biological Oxygen Demand                                  | NTP        | National Toxicology Program  |
| CAS              | Chemical Abstracts Service                                | OC         | Open Cup   |
| CC               | Closed Cup  | OSHA       | Occupational Safety And Health Administration                        |
| COTA             | Chemical Drug And Trafficking Act                         | Pail       | Partition  |
| COC              | Cleveland Open Cup  | PEL        | Permissible Exposure Limits  |
| COD              | Chemical Oxygen Demand                                    | ppb        | Parts Per Billion  |
| coefl.           | Coefficient   | PPE        | Personal Protective Equipment  |
| CFR              | Code Of Federal Regulations                               | ppm        | Parts Per Million  |
| CPR              | Cardio-Pulmonary Resuscitation                            | psi        | Pounds Per Square Inch   |
| DEA              | Drug Enforcement Agency                                   | RCRA       | Resource Conservation And Recovery Act                               |
| DOT              | Department Of Transportation                              | RQ         | Reportable Quantity  |
| DSL              | Dangerous Substances Classification And Labeling          | RTX        | Right To Know  |
| EEC              | European Economic Community                               | SARA       | Superfund Amendments And Reauthorization Act                         |
| FDA              | Food And Drug Administration                              | STEL       | Short-Term Exposure Limit  |
| HMIS             | Hazardous Materials Information System                    | SUSDP      | Standard For The Uniform Scheduling Of Drugs And Poisons (Australia) |
| IARC             | International Agency For Research On Cancer               | <b>TCC</b> | Taggung Closed Cup   |
| IDLH             | Immediate Danger To Life Or Health                        | TDG        | Transportation Of Dangerous Goods                                    |
| kg               | Kilogram  | TPO        | Threshold Planning Quantity  |
| L                | Liter   | TO         | Threshold Quantity   |
| LC <sub>50</sub> | Median Lethal Concentration                               | TSCA       | Toxic Substances Control Act   |
| LD <sub>50</sub> | Median Lethal Dose  | TWA        | Time-Weighted Average  |
| LEL              | Lower Explosive Limit                                     | UEL        | Upper Explosive Limit  |
| mg               | Milligram   | WES        | Workplace Exposure Standard (New Zealand)                            |
| mL               | <b>Milliliter</b>   | WHMIS      | Workplace Hazardous Material Information System                      |

References: RTECS, CAS Registry, EINECS/ELIS, Cosmetic Ingredient Dictionary, Goldtrunk's Toxicological Emergencies, Manufacturer Information

Risk Phrases and Safety Phrases  
Not classified as dangerous.

Hazard Statement(s) and Precautionary Statement(s)  
None

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Training Advice: None

**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 risks from inhalation of dust particles vary; this is due to particle concentration, exposure length, number of exposures and type of particles inhaled. Please read Sections 2,4,6,7 and 8 of the MSDS 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 foodstuffs 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 this 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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