

1 Identification of substance

- **Product details**
- **Trade name: Ag Dolomite**
- **Other Names:** Ag Dolomite, Commercial, AG 18, RP-40
- **Manufacturer/Supplier:**
LWB Refractories
232 East Market Street
P.O. Box 1189
York, PA 17405
- **Information department:**
Compliance Department
LWB Refractories: 717-793-5463
- **Emergency information:**
Chemtrec: 800-424-9300
LWB Refractories: 717-793-5463

2 Composition/Data on components

- **Chemical Characterization**

- **CAS No. Description**

16389-88-1	dolomite	50-100%
1344-95-2	Calcium Silicate	<5%
1302-76-7	Aluminum Silicate	<5%
7778-18-9	calcium sulphate, natural	<5%
1309-37-1	Iron Oxide	<5%
14808-60-7	Crystalline Silica, Quartz	<1%

- **Chemical characterization**
- **Description:** Mixture: consisting of the following components.

3 Hazards identification

- **Hazard description:** Not applicable.
- **Carcinogenicity:**
The International Agency for Research on Cancer (IARC) has classified crystalline silica as a Group 1 Carcinogen "sufficient evidence of carcinogenicity in humans".
- **Classification system:**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

4 First aid measures

- **After inhalation:**
Supply fresh air; consult doctor in case of complaints.
Seek medical treatment in case of complaints.

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- **After skin contact:**
Wash with water and soap
Immediately rinse with water.
- **After eye contact:** Rinse opened eye for several minutes under running water.

5 Fire fighting measures

- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
- **Information about protection against explosions and fires:**
Keep respiratory protective device available.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Keep receptacle tightly sealed.
Store in dry conditions.
Store in a cool place.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

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· Components with limit values that require monitoring at the workplace:	
1344-95-2 Calcium Silicate (<5%)	
PEL (USA)	15* 5** mg/m ³ *total dust **respirable fraction
REL (USA)	10* 5** mg/m ³ *total dust **respirable fraction
TLV (USA)	10 mg/m ³ (e)
EL (Canada)	10 mg/m ³
7778-18-9 calcium sulphate, natural (<5%)	
PEL (USA)	15* 5** mg/m ³ *total dust **respirable fraction
REL (USA)	10* 5** mg/m ³ *total dust **respirable fraction
TLV (USA)	10 I mg/m ³
EL (Canada)	10 mg/m ³
1309-37-1 Iron Oxide (<5%)	
PEL (USA)	10 mg/m ³ Fume
REL (USA)	5 mg/m ³ Dust & fume, as Fe
TLV (USA)	5 R mg/m ³
EL (Canada)	Short-term value: 10** mg/m ³ Long-term value: 5* mg/m ³ *dust and fume; **fume
14808-60-7 Crystalline Silica, Quartz (<1%)	
PEL (USA)	see Quartz listing
REL (USA)	0.05* mg/m ³ *respirable dust
TLV (USA)	0.025 R mg/m ³
EL (Canada)	0.025 mg/m ³ ACGIH A2; IARC 1

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Personal protective equipment:**

· **General protective and hygienic measures:**

- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing.
- Wash hands before breaks and at the end of work.
- Store protective clothing separately.

· **Breathing equipment:**

- In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- Suitable respiratory protective device recommended.

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· **Protection of hands:**



Protective gloves

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

9 Physical and chemical properties

· **General Information**

Form:	Solid
Color:	Light brown
Odor:	Odorless

· **Change in condition**

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

· **Flash point:** Not applicable.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density:** Not determined.

· **Solubility in / Miscibility with Water:** Slightly soluble.

10 Stability and reactivity

- **Dangerous reactions** No dangerous reactions known.
- **Dangerous products of decomposition:** No dangerous decomposition products known.
- **Additional information:** None

11 Toxicological information

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.

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12 Ecological information

· **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· **Remarks:**

This product is not a hazardous material as defined in 49 U.S. CFR Part 172. It is not defined as hazardous in the IATA Regulations, Section 4.2.

15 Regulations

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

16389-88-1	dolomite
1344-95-2	Calcium Silicate
7778-18-9	calcium sulphate, natural
1309-37-1	Iron Oxide
14808-60-7	Crystalline Silica, Quartz

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenicity categories**

· **IARC (International Agency for Research on Cancer)**

1309-37-1	Iron Oxide	3	<5%
14808-60-7	Crystalline Silica, Quartz	1	<1%

· **NTP (National Toxicology Program)**

14808-60-7	Crystalline Silica, Quartz	K	<1%
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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.

- **Recommended restriction of use** For professional use only