

Safety Data Sheet (SDS)

1 Identification of the substance and of the company

- .Product name: ASHINE SUPER EDGE CERAMIC CUP WHEELS
- .Product name: DW5CB5S-GF
- .End uses: HAND GRINDER
- .Manufacturer/Supplier: ASHINE DIAMOND TOOLS CO., LTD.
- .Address: ROOM 1204, XIANGYU ROAD 88#, HULI DISTRICT, XIAMEN, CHINA.
- .Tel: +86-592-5688 223
- .E-Mail: Ashine-eeu@ashinetools.com
- .Further information obtainable from: ASHINE DIAMOND TOOLS CO., LTD.
- .Emergency Telephone Number: +86-153 0592 4223
- .Contact: ADELE WU

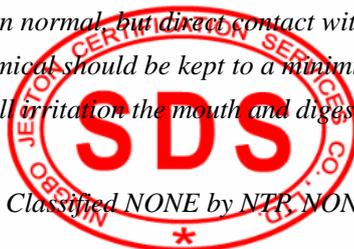
2 Hazards identification

- .NFPA ratings (scale 0 - 4)



Health = 1; Fire = 0; Reactivity = 0

- .Classification of the substance or mixture
- .Classification according to GHS : Not classified as dangerous goods.
- .Classification according to Regulation (EC) No 1272/2008: The product is not classified according to the CLP regulation.
- .Labelling according to Regulation (EC) No 1272/2008: Not applicable.
- .Hazard pictograms: Not applicable.
- .Signal word: Not applicable.
- .Potential Health Effects:
 - .Inhalation: This product will produce smoke and dust during processing, short term exposure to high dust levels could cause minor irritation. Long term exposure to high concentrations of dust should be avoided, dust of this products can cause severe and permanent lung damage when long time inhaled. Control dust levels with engineering controls (local exhaust ventilation). Prevent dust inhalation with use of a approved dust respirator if engineering controls are inadequate.
 - .Eyes: Dust may cause slight eye irritation inflammation. Direct contact should be avoided to prevent physical damage.
 - .Skin: No known acute effects of this product resulting from skin contact on normal, but direct contact with processing products may cause burns, in light of good industrial hygiene, exposure to any chemical should be kept to a minimum.
 - .Swallowed: Usually this product can not be swallowed. Ingestion dust will irritate the mouth and digestive tract, after ingestion will have vomiting, fever, abdominal pain, loss of appetite.
- .CARCINOGENIC EFFECTS: This material is not a known carcinogen. Classified NONE by NTP, NONE by OSHA, 3 (Not classifiable for humans) by IARC.
- .MUTAGENIC AND TERATOGENIC EFFECTS: Not available.



3 Composition/information on ingredients

.Description: Mixture of substances listed below with additions.

Components Name	CAS Number	Approximate(%) by Wt.	Air Exposure Limits	
			ACGIH TLV (mg/m ³)	OSHA PEL (mg/m ³)
Silicon dioxide (SiO ₂)	14808-60-7	20%	0.1 Respirable dust	20 Total dust
Aluminum oxide (AL ₂ O ₃)	1344-28-1	35%	10 Total dust	15 Total dust
Sodium Oxide (Na ₂ O)	1313-59-3	1%	Not Established	Not Established
Potassium monoxide (K ₂ O)	12136-45-7	2%	Not Established	Not Established
Calcium oxide (CaO)	1305-78-8	3%	2 Calcium oxide	5 Calcium oxide
Magnesium peroxide (MgO)	1335-26-8	2%	Not Established	Not Established
Iron(III) oxide (Fe ₂ O ₃)	1309-37-1	1%	10 Inhalable dust	15 Total dust
Titanium oxide (TiO ₂)	1317-80-2	1%	Not Established	Not Established
Silicon carbide (SiC)	409-21-2	10%	10 Total dust	5 Respirable dust
Diamond	-- -- --	10%	Not Established	Not Established
Resin	-- -- --	15%	Not Established	Not Established

4 First aid measures

Generally not hazardous in normal handling, Avoid long term exposure to skin or by inhalation.

.Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

.Eye: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

.Skin: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.

.Ingestion: If victim is conscious and alert, Never give anything by mouth to an unconscious person. Get medical aid.

5 Fire-fighting measures

.General Information: As in any fire,wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Non-combustible, substance itself does not burn.

.Flammable class: 0

.Suitable extinguishing media: Water, CO₂, Dry Chemicals, Foam-Fog

.Fire/Explosion Hazards: Negligible fire hazard when exposed to heat or flame.

.Other information: Wear self-contained breathing apparatus and complete personal protective equipment when potential for exposure to products of combustion exists.

6 Accidental release measures

.Small Spill: This product is solid, Small leak is meaningless,where have scattered only need to pick up it.

.Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water

on the contaminated surface and allow evacuating through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the SDS and with local authorities.

7 Handling and storage

The regulations relating to storage remises apply to workshop where the product is handled :

.Handling: Removal of mobile products need to wear protective gloves when products for the brittle materials, handled with care when handling. Apply good manufacturing practice & industrial hygiene practices. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Wear protective goggles and gloves when handling material. Clean cloths must be worn. Observe all warnings and precautions listed for the product.

.Storage: Store in a cool & dry area away from heat sources & protected from light. stored in relatively stable areas, to avoid collision occurred on a hard object. Avoid dust formation and control ignition sources.

8 Exposure controls/personal protection

.Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

.Personal Protection: Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

.Protective Gloves: Protective Gloves.

.Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

.Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

.Health measures: Local exhaust ventilations may be necessary for some operation.

9 Physical and chemical properties

.General Information	
Form:	Solid
Color:	Brownish black
Odor:	Odorless
.Change in condition	
Melting point/Melting range:	>1500 °C
Boiling point/Boiling range:	>2000 °C
.Self-igniting:	Product is not self-igniting
.Danger of explosion:	Not available
.Density:	
.Relative density:	>1 (Water=1)
.Vapor density:	Not available
.Solubility in/Miscibility with	
Water:	Insoluble
.PH-Value:	Not available

10 Stability and reactivity

- .Chemical Stability: Stable under normal temperatures and pressures.*
- .Decomposition Products: The following combustion products may be generated: Metal oxide and water.*
- .Materials with which substance is incompatible: Products can chemical reactions halides, strong oxidizers, strong acids.*
- .Hazardous Polymerizations: Will not occur.*
- .Special Remarks on Reactivity: Not available.*
- .Special Remarks on Corrosively: Not available.*

11 Toxicological information

- .Chronic Effects on Humans: Causes damage to the following organs: Not available.*
- .Other Toxic Effects on Humans: Not available.*
- .Toxicity to Animals: Not available.*
- .Special Remarks on Chronic Effects on Humans: Not available.*
- .Special Remarks on other Toxic Effects on Humans: Not available.*

12 Ecological information

- .Ecotoxicity: Not available.*
- .Products of Biodegradation: None hazardous short term degradation products are not likely.*
- .Water Danger/Protection: Water hazard class 0 (German Regulation) (Self-assessment): No hazardous for water.*

13 Disposal considerations

- .Waste Disposal Methods: Disposal must be done as territory and /or local government regulations, Waste management information will help to receive the best results.*
- .Recommendation: Must not be dispose together with household garbage. Do not allow product to reach sewage system.*
- .Disposal of packaging: Dispose of according to local regulations. Avoid disposing into drainage systems and into the environment.*

14 Transport information

- .UN Number: Not applicable.*
- .Packing Group: Not applicable.*
- .UN Proper Shipping Name: Not applicable.*
- .Marine Pollutant: No component of these products is designated as a Marine Pollutant.*
- .Hazardous Substance Reportable Quantity: Not available.*
- .Special Provisions for Transport: Not applicable.*
- .TDG Classification: Not controlled under TDG (Canada).*
- .ADR/RID Classification: Not controlled under ADR(Europe)*
- .IMO/IMDG Classification: Not Controlled under IMDG.*
- .ICAO/IATA Classification: Not controlled under IATA.*

15 Regulatory information

HCS Classification: This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA: Most components are listed on the TSCA inventory.

Health & Safety Reporting List: None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules: None of the chemicals in this product are under a Chemical Test Rule.

SARA Section 302 Extremely Hazardous Substances: None of the chemicals in this product have a TPQ.

Section 313: No chemicals are reportable under Section 313.

OSHA: None of the chemicals in this product are considered highly hazardous by OSHA.

California Prop 65-California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

REACH Regulation List of Substances of very high concern (SVHC):None of the ingredients is listed.

16 Other information

The contents and format of this SDS are in accordance with ISO Commission Directive ISO11014-2009.

DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

• Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail).

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organization.

GHS: Globally Harmonized System of Classification and Labelling of Chemicals.

ACGIH: American Conference of Governmental Industrial Hygienists.

NFPA: National Fluid Power Association.

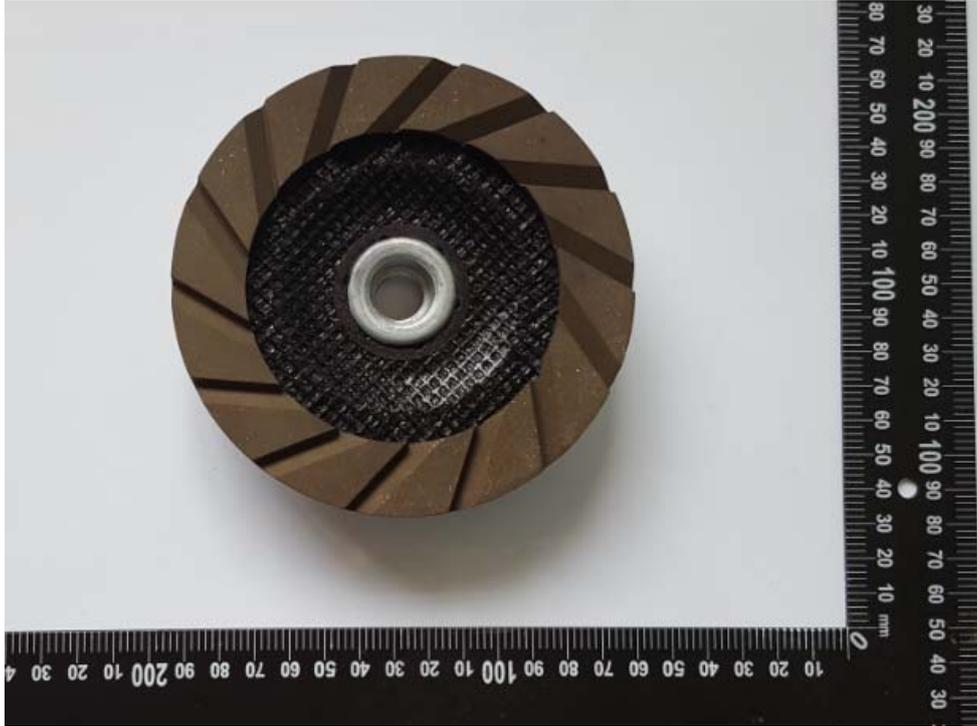
DNEL: Derived No-Effect Level (REACH).

PNEC: Predicted No-Effect Concentration (REACH).

LC50: Lethal concentration, 50 percent.

LD50: Lethal dose, 50 percent.

Sample photo:



*****The End*****