

Slurry Magnet - Safety Data Sheet

Abrasive Concrete Tools

Chemwatch: 5659-21 Version No: 3.1

Safety Data Sheet according to OSHA HazCom Standard (2012) requirements

Chemwatch Hazard Alert Code: 2

Issue Date: 02/12/2024 Print Date: 02/12/2024 S.GHS.USA.EN.E

SECTION 1 Identification

Product Identifier	
Product name	Slurry Magnet
Chemical Name	Not Applicable
Synonyms	Not Available
Chemical formula	Not Applicable
Other means of identification	Not Available

Recommended use of the chemical and restrictions on use

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Registered company name	Abrasive Concrete Tools
Address	8600 Xylon Ave N Ste 101, Brooklyn Park, MN 55445 United States
Telephone	+1 612-230-4077
Fax	Not Available
Website	www.abrasiveconcretetools.com
Email	support@abrasiveconcretetools.com

Emergency phone number

Association / Organisation	CHEMWATCH EMERGENCY RESPONSE (24/7)
Emergency telephone numbers	+1 855-237-5573
Other emergency telephone numbers	+61 3 9573 3188

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SECTION 2 Hazard(s) identification

Classification of the substance or mixture

NFPA 704 diamond



Note: The hazard category numbers found in GHS classification in section 2 of this SDSs are NOT to be used to fill in the NFPA 704 diamond. Blue = Health Red = Fire Yellow = Reactivity White = Special (Oxidizer or water reactive substances)

Classification	Serious Eye Damage/Eye Irritation Category 2A
Label elements	
Hazard pictogram(s)	
Signal word	Warning
Hazard statement(s)	
H319	Causes serious eye irritation.

Hazard(s) not otherwise classified



Not Applicable

Precautionary statement(s) Prevention

P28	Wear protective gloves, protective clothing, eye protection and face protection.
Precautionary statement(s) I	tesponse
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Precautionary statement(s) Storage

Not Applicable

Precautionary statement(s) Disposal

Not Applicable

SECTION 3 Composition / information on ingredients

Substances

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
Not Available	100	proprietary ingredient

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4 First-aid measures

Description of first aid measures

Eye Contact	 If this product comes in contact with the eyes: Wash out immediately with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Seek medical attention without delay; if pain persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If skin or hair contact occurs: ▶ Flush skin and hair with running water (and soap if available). ▶ Seek medical attention in event of irritation.
Inhalation	 If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.
Ingestion	 Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Most important symptoms and effects, both acute and delayed

See Section 11

Indication of any immediate medical attention and special treatment needed Treat symptomatically.

SECTION 5 Fire-fighting measures

Extinguishing media

Foam.

Special hazards arising from the substrate or mixture

Fire Incompatibility	Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result

Special protective equipment and precautions for fire-fighters

Fire Fighting	 Wear breathing apparatus plus protective gloves. Alert Fire Brigade and tell them location and nature of hazard. If safe to do so, remove containers from path of fire. Use fire fighting procedures suitable for surrounding area.
Fire/Explosion Hazard	 Combustible solid which burns but propagates flame with difficulty; it is estimated that most organic dusts are combustible (circa 70%) - according to the circumstances under which the combustion process occurs, such materials may cause fires and / or dust explosions. Combustion products include: carbon monoxide (CO) carbon dioxide (CO2) other pyrolysis products typical of burning organic material. May emit corrosive fumes. May emit corrosive fumes.



Personal precautions, protective equipment and emergency procedures

See section 8

Environmental precautions

See section 12

Methods and material for containment and cleaning up	
Minor Spills	Clean up all spills immediately.
Major Spills	Minor hazard.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 Handling and storage

Precautions for safe handling

Safe handling Use good occupational work practice. Avoid contact with incompatible materials. Avoid prolonged and repeated skin contact. Avoid physical damage to containers. Avoid physical damage to containers. Wear protective clothing when risk of exposure occurs. Wash hands with soap and water after handling.	
Other information Store below 38 deg. Store in original containers. 	

Conditions for safe storage, including any incompatibilities

Suitable container	Varies: plastic jug, pail, sack Polyethylene or polypropylene container.
Storage incompatibility	Avoid reaction with oxidising agents

SECTION 8 Exposure controls / personal protection

Control parameters

Occupational Exposure Limits (OEL)

INGREDIENT DATA

Not Available

Emergency Limits

Ingredient	TEEL-1	TEEL-2		TEEL-3
Slurry Magnet	Not Available	Not Available		Not Available
Ingredient	Original IDLH		Revised IDLH	
Slurry Magnet	Not Available		Not Available	

Exposure controls

Appropriate engineering controls	Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard.
Individual protection measures, such as personal protective equipment	
Eye and face protection	Safety glasses with side shields.
Skin protection	See Hand protection below
Hands/feet protection	The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. Experience indicates that the following polymers are suitable as glove materials for protection against undissolved, dry solids, where abrasive particles are not present.
Body protection	See Other protection below
Other protection	► Overalls.

Respiratory protection

Type -P Filter of sufficient capacity.

Required Minimum Protection Factor	Half-Face Respirator	Full-Face Respirator	Powered Air Respirator
up to 10 x ES	P1 Air-line*	-	PAPR-P1
up to 50 x ES	Air-line**	P2	PAPR-P2
up to 100 x ES	-	P3	-

SLÜRRYMACKET

		Air-line*	-
100+ x ES	-	Air-line**	PAPR-P3

* - Negative pressure demand ** - Continuous flow

A(All classes) = Organic vapours, B AUS or B1 = Acid gasses, B2 = Acid gas or hydrogen cyanide(HCN), B3 = Acid gas or hydrogen cyanide(HCN), E = Sulfur dioxide(SO2), G = Agricultural chemicals, K = Ammonia(NH3), Hg = Mercury, NO = Oxides of nitrogen, MB = Methyl bromide, AX = Low boiling point organic compounds(below 65 degC)

· Respirators may be necessary when engineering and administrative controls do not adequately prevent exposures.

• The decision to use respiratory protection should be based on professional judgment that takes into account toxicity information, exposure measurement data, and frequency and likelihood of the worker's exposure - ensure users are not subject to high thermal loads which may result in heat stress or distress due to personal protective equipment (powered, positive flow, full face apparatus may be an option).

• Published occupational exposure limits, where they exist, will assist in determining the adequacy of the selected respiratory protection. These may be government mandated or vendor recommended.

Certified respirators will be useful for protecting workers from inhalation of particulates when properly selected and fit tested as part of a complete respiratory protection program.
 Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

 \cdot Use approved positive flow mask if significant quantities of dust becomes airborne.

· Try to avoid creating dust conditions.

Class P2 particulate filters are used for protection against mechanically and thermally generated particulates or both.

P2 is a respiratory filter rating under various international standards, Filters at least 94% of airborne particles

Suitable for:

· Relatively small particles generated by mechanical processes eg. grinding, cutting, sanding, drilling, sawing.

· Sub-micron thermally generated particles e.g. welding fumes, fertilizer and bushfire smoke.

· Biologically active airborne particles under specified infection control applications e.g. viruses, bacteria, COVID-19, SARS

SECTION 9 Physical and chemical properties

Information on basic physical and chemical properties

Appearance	White sand with no odor; absorbs water		
Physical state	Divided Solid	Relative density (Water = 1)	Not Available
Odour	Not Available	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Available
pH (as supplied)	Not Available	Decomposition temperature (°C)	Not Available
Melting point / freezing point (°C)	199	Viscosity (cSt)	Not Available
Initial boiling point and boiling range (°C)	Not Available	Molecular weight (g/mol)	Not Applicable
Flash point (°C)	Not Available	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Not Available	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Available	Surface Tension (dyn/cm or mN/m)	Not Applicable
Lower Explosive Limit (%)	Not Available	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water	absorbs water	pH as a solution (1%)	6
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available

SECTION 10 Stability and reactivity

Reactivity	See section 7
Chemical stability	Unstable in the presence of incompatible materials.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

SECTION 11 Toxicological information

Information on toxicological effects

Inhaled	The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Persons with impaired respiratory function, airway diseases and conditions such as emphysema or chronic bronchitis, may incur further disability if excessive concentrations of particulate are inhaled.
Ingestion	The material has NOT been classified by EC Directives or other classification systems as "harmful by ingestion". High molecular weight material; on single acute exposure would be expected to pass through gastrointestinal tract with little change / absorption.
Skin Contact	Skin contact is not thought to have harmful health effects (as classified under EC Directives); the material may still produce health damage following entry through wounds, lesions or abrasions. Open cuts, abraded or irritated skin should not be exposed to this material

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	Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. The material may cause severe inflammation of the skin either following direct contact or after a delay of some time.		
Eye	This material may produce eye irritation in some persons and produce eye damage 24 hours or more after instillation. The dust may produce eye discomfort and abrasive eye inflammation.		
Chronic	There has been some concern that this material can cause cancer or mutations but there is not enough data to make an assessment.		
.	ΤΟΧΙΟΙΤΥ	IRRITATION	
Slurry Magnet	Not Available	Not Available	
Legend:	 Value obtained from Europe ECHA Registere specified data extracted from RTECS - Registe 	ed Substances - Acute toxicity 2. Value obtained from manufacturer's SDS. Unless othe er of Toxic Effect of chemical Substances	erwise

Acute Toxicity	×	Carcinogenicity	×
Skin Irritation/Corrosion	×	Reproductivity	×
Serious Eye Damage/Irritation	×	STOT - Single Exposure	×
Respiratory or Skin sensitisation	×	STOT - Repeated Exposure	×
Mutagenicity	×	Aspiration Hazard	×
		Legendu Y Data aithar pat	available or doop not fill the oritoria for elegation

SECTION 12 Ecological information

Toxicity

	Endpoint	Test Duration (hr)	Species	Value	Source
Slurry Magnet	Not Available	Not Available	Not Available	Not Available	Not Available
Legend:	Extracted fron Ecotox databa - Bioconcentra	1. IUCLID Toxicity Data 2. Europe ECHA Registere se - Aquatic Toxicity Data 5. ECETOC Aquatic Haza tion Data 8. Vendor Data	d Substances - Ecotoxicological Information - Aquatic rd Assessment Data 6. NITE (Japan) - Bioconcentrat	Toxicity 4. U on Data 7. ME	S EPA, ETI (Japan)

DO NOT discharge into sewer or waterways.

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air	
	No Data available for all ingredients	No Data available for all ingredients	
Bioaccumulative potential			
Ingredient	Bioaccumulation		
	No Data available for all ingredients		
Mobility in soil			
Ingredient	Mobility		
	No Data available for all ingredients		

SECTION 13 Disposal considerations

Marine Pollutant

Waste treatment methods				
Product / Packaging disposal Legislation addressing waste disposal requirements may differ by country, state and/ or territory. > DO NOT allow wash water from cleaning or process equipment to enter drains.				
SECTION 14 Transport information				
Labels Required				

Land transport (DOT): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.7.1. Transport in bulk according to Annex II of MARPOL and the IBC code Not Applicable

NO



14.7.2. Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

Product name	Group		
14.7.3. Transport in bulk in acc	cordance with the IGC Code		
Product name	Ship Type		
SECTION 15 Regulatory inf	formation		
Safety, health and environmen	Safety, health and environmental regulations / legislation specific for the substance or mixture		
Additional Regulatory Informa	tion		
Not Applicable			
Federal Regulations			
Superfund Amendments and	Reauthorization Act of 1986 (SARA)		
Section 311/312 hazard categorie	es		
Flammable (Gases, Aerosols, Liq	uids, or Solids)	No	
Gas under pressure		No	
Explosive		No	
Self-heating		No	
Pyrophoric (Liquid or Solid)		No	
Pyrophoric Gas		No	
Corrosive to metal		No	
Oxidizer (Liquid, Solid or Gas)		No	
Organic Peroxide		No	
Self-reactive		No	
In contact with water emits flamma	able gas	No	
Combustible Dust		No	
Carcinogenicity		No	
Acute toxicity (any route of exposi	ıre)	No	
Reproductive toxicity		No	
Skin Corrosion or Irritation		No	
Respiratory or Skin Sensitization		No	
Serious eye damage or eye irritati	on	Yes	
Specific target organ toxicity (sing	le or repeated exposure)	No	
Aspiration Hazard		No	
Germ cell mutagenicity		No	
Simple Asphyxiant		No	
Hazards Not Otherwise Classified		No	

US. EPA CERCLA Hazardous Substances and Reportable Quantities (40 CFR 302.4)

None Reported

US. EPCRA Section 313 Toxic Release Inventory (TRI) (40 CFR 372) None Reported

Additional Federal Regulatory Information

Not Applicable

State Regulations

US. California Proposition 65 None Reported

Additional State Regulatory Information

Not Applicable

National Inventory Status

lational Inventory	Status	
vustralia - AIIC / Australia Ion-Industrial Use	Not Available	
Canada - DSL	Not Available	
Canada - NDSL	Not Available	
China - IECSC	Not Available	
Ion-Industrial Use Canada - DSL Canada - NDSL China - IECSC	Not Available Not Available Not Available Not Available	

National Inventory	Status
Europe - EINEC / ELINCS / NLP	Not Available
Japan - ENCS	Not Available
Korea - KECI	Not Available
New Zealand - NZloC	Not Available
Philippines - PICCS	Not Available
USA - TSCA	Not Available
Taiwan - TCSI	Not Available
Mexico - INSQ	Not Available
Vietnam - NCI	Not Available
Russia - FBEPH	Not Available
Legend:	Yes = All CAS declared ingredients are on the inventory No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration.

SECTION 16 Other information

Revision Date	02/12/2024
Initial Date	02/07/2024

SDS Version Summary

Version	Date of Update	Sections Updated
3.1	02/12/2024	Firefighting measures - Fire Fighter (fire fighting), First Aid measures - First Aid (skin), Handling and storage - Handling Procedure, Composition / information on ingredients - Ingredients, Accidental release measures - Spills (major)

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment.

Definitions and abbreviations

- ▶ PC-TWA: Permissible Concentration-Time Weighted Average
- PC-STEL: Permissible Concentration-Short Term Exposure Limit
- ▶ IARC: International Agency for Research on Cancer
- ACGIH: American Conference of Governmental Industrial Hygienists
- STEL: Short Term Exposure Limit
- TEEL: Temporary Emergency Exposure Limit.
- IDLH: Immediately Dangerous to Life or Health Concentrations
- ES: Exposure Standard
- OSF: Odour Safety Factor
- NOAEL: No Observed Adverse Effect Level
- LOAEL: Lowest Observed Adverse Effect Level
- TLV: Threshold Limit Value
- LOD: Limit Of Detection
- OTV: Odour Threshold Value
- BCF: BioConcentration Factors
- BEI: Biological Exposure Index DNEL: Derived No-Effect Level
- ٠
- PNEC: Predicted no-effect concentration
- AIIC: Australian Inventory of Industrial Chemicals
- DSL: Domestic Substances List
- NDSL: Non-Domestic Substances List ٠
- IECSC: Inventory of Existing Chemical Substance in China ٠
- EINECS: European INventory of Existing Commercial chemical Substances
- ELINCS: European List of Notified Chemical Substances ٠
- NLP: No-Longer Polymers
- ۶ ENCS: Existing and New Chemical Substances Inventory
- KECI: Korea Existing Chemicals Inventory
- NZIoC: New Zealand Inventory of Chemicals
- PICCS: Philippine Inventory of Chemicals and Chemical Substances
- ۶ TSCA: Toxic Substances Control Act
- TCSI: Taiwan Chemical Substance Inventory
- INSQ: Inventario Nacional de Sustancias Químicas NCI: National Chemical Inventory ٠
- ▶ FBEPH: Russian Register of Potentially Hazardous Chemical and Biological Substances

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