

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL

Product Name: FILTER CLEANING POWDER
Other names: None
Recommended Use: Powder for cleaning of filters and extraction canopies.
 EMERGENCY TELEPHONE NO: POISONS INFORMATION CENTRE **13 1126** OR (08) 8347 0040

2. HAZARD IDENTIFICATION

Classification of the substance:
 Skin irritation (Category 2)

Label elements

Pictograms:



Signal word: Warning
Hazard statements:
 H315 Causes skin irritation.

Precautionary Statements:
 P264 Wash hands thoroughly after handling.
 P280 Wear protective, impervious PVC gloves and eye protection.
 P302 + P352 IF ON SKIN: Wash off with plenty of water.
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P332 + P313 If skin irritation occurs: Get medical advice.
 P337 + P313 If eye irritation persists: Get medical advice.
 P362 Take off contaminated clothing and wash before reuse.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Name</u>	<u>Proportion</u>	<u>CAS Number</u>
Sodium carbonate	30-60%	497-19-8
Sodium metasilicate	<10%	6834-92-0
Sequestrants and soil suspenders	10-30%	Not classified as hazardous
Low foam surfactant	<10%	Not classified as hazardous
Triethanolamine	<10%	102-71-6

4: FIRST AID MEASURES

For Advice, contact a Poisons Information Centre on 13 1126 (Australia wide) or a doctor.

Swallowed : If swallowed, do NOT induce vomiting.

Eye:	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
Skin:	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Launder clothing prior to re-use. Seek medical advice for all but most minor symptoms
Inhaled:	If swallowed or inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Do not give direct mouth-to-mouth resuscitation. To protect rescuer, use air-viva, oxy-viva or one-way mask. Resuscitate in a well-ventilated area.
Advice to doctor:	Treat symptomatically.

5: FIRE FIGHTING MEASURES

Non-flammable

Specific Hazards:	Reacts with acids generating carbon dioxide. This reaction may generate irritant aerosols.
Extinguishing Media:	Water spray. (Non-flammable.)
Unsuitable Extinguishing Media:	None known.
Protective Equipment for Firefighters:	Wear full protective clothing and self-contained breathing apparatus.
Additional Advice:	
Hazchem Code	None allocated – For fire fighting, use fine water spray. Wear liquid-tight chemical protective clothing and breathing apparatus. Prevent spillage from entering drains or watercourses.

6: ACCIDENTAL RELEASE MEASURES

Observe all relevant local, federal and international regulations.

Protective measures:	Avoid contact with spilled or released material. Remove all non-emergency personnel from the area. Immediately remove all contaminated clothing. For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. For guidance on disposal of spilled material see Chapter 13 of this Material Safety Data Sheet. Shut off all leaks if this is possible without personal risk. Contain to prevent environmental contamination. Prevent from spreading or entering drains, ditches or rivers using sand, earth or other inert barriers.
Spills:	Wear personal protective equipment. For small liquid spills (< 1 drum), sweep up all possible material and place in a sealable container for re-use or disposal. Rinse off remainder with water. Dispose in accordance with Federal, State and Local regulations. For large spills (> 1 drum), transfer by mechanical means, such as vacuum truck, to a salvage tank for recovery or safe disposal. Rinse off remaining residue with water. Dispose in accordance with Federal, State and Local regulations.

7: HANDLING AND STORAGE

Precautions:	Irritant. Avoid contact with skin and eyes and avoid breathing dust. Avoid generating dust when handling or using. Wear suitable protective clothing and equipment (PPE) to prevent skin and eye contact and to prevent breathing dust.
Storage:	Store, tightly sealed, away from strong acids and foodstuffs. Ensure containers are correctly labelled, protected from potential damage and properly sealed when not in use. Check regularly for leaks or spills.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits: No exposure limits available for this product, however, limits for its hazardous ingredients are as follows:

Ingredient	Reference	TWA		STEL	
		ppm	mgm ⁻³	ppm	mgm ⁻³
Alkaline Salts (Sodium carbonate, Sodium metasilicate)	ACGIH	-	-	-	2
Triethanolamine	ACGIH	-	5	-	-

Recommended minimum Personal Protective Equipment:

EYE PROTECTION: Splash proof chemical goggles.

GLOVE TYPE: PVC or Neoprene gloves

RESPIRATOR: Not required during normal or expected use as product is low dusting. If dust generation occurs, wear a respirator fitted with cartridges suitable for nuisance dust or supplied-air breathing apparatus.

OTHER: Suitable protective clothing to prevent skin contact, e.g. overalls and PVC Apron.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White, free-flowing, low-dusting powder.
Boiling Point	not determined
Vapor Pressure	not determined
Specific Gravity	not determined
Flash Point	none
Solubility in water	not determined
pH	12.0 (1% w/v solution)

10: STABILITY AND REACTIVITY

Chemical Stability:	Stable under ambient storage conditions.
Conditions to Avoid:	Avoid storing at high temperatures (above 35°C) and avoid storing in areas of high humidity.
Material to Avoid:	Incompatible with acids.
Decomposition:	If heated to decomposition, oxides of carbon, silicon and phosphorous may be generated.
Hazardous Reactions:	Reacts with strong acids generating carbon dioxide gas. Dangerous polymerization reactions not expected to occur.

11: TOXICOLOGICAL INFORMATION

Possible Health Effects:

Acute:

Swallowed: Irritant to mouth, mucous membranes and intestinal tract.

Eye: Irritant.

Skin: Irritant. Will have a de-fatting effect on the skin

Inhaled: Overexposure via this route unlikely during normal, expected use. Product is low dusting. If dust is generated it may be irritant to mucous membranes and bronchial tract.

Chronic: Chronic skin exposure may lead to dermatitis.

Toxicity Data: No data.

12: ECOLOGICAL INFORMATION

Environment:	Avoid release to the environment. Refer to Chapter 6 of this Material Safety Data Sheet.
Ecotoxicity:	no data.
Persistence/Degradability:	This product contains surfactants that are classified as biodegradable according to standard test methods.

13: DISPOSAL CONSIDERATIONS

Waste Disposal:	Wear protective equipment. Refer to local authorities to ensure compliance with legislative requirements for correct disposal. Recover and recycle if possible.
Container Disposal:	Empty container thoroughly. After draining, rinse with water until effluent is pH neutral.
Local Legislation:	Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

14: TRANSPORT INFORMATION

Not classified as a Dangerous Good according to the criteria of the ADG Code.

UN Number	none allocated
Proper Shipping Name:	none allocated
DG Class	none allocated
Subsidiary Risk Class	none allocated
Packaging Group	none allocated
Hazchem Code	none allocated

Storage and Transport:	Transport in original container or one that is correctly labelled. Store away from strong acids and food stuffs and in accordance with government regulations. Keep container tightly closed when not in use.
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15: REGULATORY INFORMATION

Poisons Schedule:	Schedule 5 POISON – According to the criteria of the Poisons Standard 2021.
AICS:	All ingredients listed on the Australian Inventory of Chemical Substances.

16: OTHER INFORMATION

MSDS Revision Date: October 2021
Reason for up-date: Modification of format to comply with GHS requirements.