

**Product Name: SUPRANANO BLACK FINGERPRINT POWDER**

**Product code: 01BLK**

**Revision Date: September 01, 2013**

**SECTION 1 Identification of the substance/mixture and of the company/undertaking**

<b>Product Name</b>	SUPRANANO BLACK FINGERPRINT POWDER
<b>Product Code</b>	01BLK
<b>Recommended use</b>	Latent fingerprint powder
<b>Product description</b>	Black powder
<b>Company</b>	ARRO Supranano Ltd INEX Business Facility Newcastle upon Tyne NE1 7RU
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<b>Website</b>	www.arrosupranano.com

**SECTION 2 Hazards Identification**

**Classification of the substance or mixture**

Not a hazardous substance in accordance to Regulation (EC) No 1272/2008.

**Label elements**

The product does not need to be labelled in accordance with EC directives or respective national laws.

<b>Precautionary statement(s)</b>	<b>P264</b> Wash hands thoroughly after handling <b>P280</b> Wear protective gloves/protective clothing/eye protection/face protection <b>P305+P351+P338</b> IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing <b>P337+P313</b> IF eye irritation persists: Get medical advice/attention
<b>Other hazards</b>	None

**SECTION 3 Composition of hazardous ingredients**

Hazardous components	CAS-No.	%w/w	EC-No.	EU classification
Carbon black	1333-86-4	15 - 20%	215-609-9	None

**SECTION 4 First aid measures**

**Description of first aid measures**

**If ingested**

Wash out mouth with water, do not induce vomiting. If conscious, give half a litre of water to drink and transfer to hospital.

**If inhaled**

If breathed in, remove from exposure into fresh air. Consult a doctor.

**In case of skin contact**

Wash immediately with soap and water.

**In case of eye contact**

Bathe the eye with running water for 15 minutes. Consult a doctor.

**Information for doctor: Important symptoms**

**If ingested**

Irritating if swallowed, there may be soreness and redness of the mouth and throat.

Absorption through the lungs could possibly occur, causing similar symptoms to those of ingestion. Chronic lung conditions could be aggravated by high concentrations of dust.

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<b>In case of skin contact</b>	
Mild irritation may be caused at the site of contact.	
<b>In case of eye contact</b>	
Mild irritation and redness.	
<b>SECTION 5 Firefighting measures</b>	
<b>Suitable extinguishing media</b>	
<b>Extinguishing agents</b>	Non-combustible extinguishing media should be used.
<b>Advice for firefighters</b>	
<b>Protective equipment</b>	In combustion emits toxic fumes. Wear self-contained breathing apparatus; wear protective clothing to prevent contact with skin and eyes.
<b>Hazardous combustion products / Special hazards</b>	Fine, dry dust suspensions can explode in presence of ignition. Combustion produces carbon monoxide, carbon dioxide, smoke, soot and minor amounts of nitrogen oxides and sulphur.
<b>SECTION 6 Accidental release measures</b>	
<b>Personal precautions</b>	Refer to section 8 for personal protection, do not create dust.
<b>Environmental precautions</b>	Do not discharge into drains or rivers.
<b>Clean up procedures</b>	Vacuum or sweep and transfer to a closable, labelled container and dispose according to local regulations.
<b>SECTION 7 Handling and storage</b>	
<b>Precautions for safe handling</b>	Ensure that there is sufficient ventilation of the area. Avoid formation of dust. Minimise the release of the substance or mixture to the environment
<b>Precautions for safe storage</b>	Store in a cool, well-ventilated area. Do not store above 120° F. Keep away from oxidising agents. Keep the container tightly closed until use.
<b>SECTION 8 Exposure controls/personal protection</b>	
<b>Personal protective equipment</b>	
<b>Hygiene Measures</b>	Keep away from foodstuffs. Avoid contact with eyes and skin. Handle in accordance with good industrial hygiene and safety practice by using adequate ventilation and personal protection as needed. Wash hands before breaks and at the end of the work day.
<b>Skin and body protection</b>	Protective clothing, gloves and rubber footwear for heavy contamination or spills.
<b>Eye protection</b>	Safety glasses or splash goggles are advised to be worn while handling.
<b>Respiratory protection</b>	Not required in unconfined or well-ventilated areas. Use NIOSH or EU EN149 standard approved respirators for areas where general ventilation is not possible
<b>Hand protection</b>	Handle with gloves.
<b>SECTION 9 Physical and chemical properties</b>	
<b>Appearance</b>	
<b>Form</b>	Powder
<b>Colour</b>	Black
<b>Odour</b>	Not characteristic
<b>Safety data</b>	
<b>pH</b>	No data available
<b>Melting point</b>	No data available
<b>Boiling point</b>	No data available
<b>Flash point</b>	No data available

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Evaporation rate	No data available		
Ignition temperature	No data available		
Lower explosion limit	No data available		
Upper explosion limit	No data available		
Vapour pressure	No data available		
Relative density	No data available		
Solubility	Insoluble in water and solvents, dispersible in liquids.		
Auto-ignition temperature	No data available		
Decomposition temperature	No data available		
Viscosity	No data available		
SECTION 10 Stability and reactivity			
Chemical stability	Stable under normal conditions.		
Conditions to avoid	Do not expose to heat above 300°C. Keep away from oxidising agents in order to avoid exothermic reactions.		
Incompatible materials	Strong oxidisers such as chlorates, bromates and nitrates.		
Hazardous decomposition products	Carbon monoxide, Carbon dioxide, Oxides of sulphur. In combustion emits smoke, soot and toxic fumes.		
SECTION 11 Toxicological information			
Acute toxicity			
	Hazardous Components	CAS #/ EINECS #	LD50 of Ingredient
	Carbon black	1333-86-4 / 215-609-9	>8000 mg/kg (oral, rat)
Skin irritation	Irritant for skin and mucous membrane		
Eye irritation	Irritant effect		
SECTION 12 Ecological information			
Toxicity	No data available		
Persistence and degradability	No data available		
Bio accumulative potential	No data available		
Mobility in soil	No data available		
Additional information	No data available		
SECTION 13 Disposable considerations			
Waste treatment methods	Follow all local guidance and regulations on disposal for used and unused product.		
SECTION 14 Transport information			
None required			
SECTION 15 Regulatory information			
Risk phrases	No data available		
Safety phrases	No data available		
SECTION 16 Other information			
Disclaimer	The above information is believed to be correct but does not support to be all inclusive and shall be used only as a guide. ARRO SupraNano Ltd shall not be held liable for any damage from handling or contact with the above product.		