

SAFETY DATA SHEET

DURA™ FR-200

1. Chemical Product and Company Identification	
Trade name	DURA™ FR-200
Chemical Name	Antimony Trioxide
Company/Supplier information	Please contact the local distributor

2. Ingredients			
<u>Chemicals</u>	<u>CAS #</u>	<u>EINECS number</u>	<u>% by Weight</u>
Sb ₂ O ₃	1309-64-4	--	>99%

3. Hazard Identification	
Physical/Chemical Hazards	Keep away from acids ad alkalis
Environmental Hazards	Insoluble in water
Human Health Hazards	Harmful – possible risks of irreversible effects through inhalation and if swallowed. Category 3 carcinogen. Dust may irritate skin and eyes.

4. First Aid Measures	
Skin Contact	Wash off immediately with plenty of water. Remove contaminated clothing.
Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
Oral	Drink plenty of water. Rinse mouth with plenty of water. Obtain immediate medical attention.
Inhalation	Move to fresh air in case of accidental inhalation of dust. Obtain medical attention.

The information is given with best knowledge but no obligation or liability for any information in this document. Customer is responsible for the application of this product and information suitable for their specific purpose. Maha Chemicals assumes no warranties of any kind nor guarantee any representation, recommendation or data herein.

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5. Fire Fighting Measures	
Non-flammable. Burning to decomposition may produce obnoxious fumes.	
Fire Fighting	Protective Equipment: wear self-contained breathing apparatus, suitable gloves and eye/face protection.
Fire Extinguishing Media	water, dry powder, foam, carbon dioxide (CO ₂)

6. Accidental Release Measures	
Individual precaution	Avoid handling which leads to dust formation. Avoid contact with skin, eyes and clothing. Do not inhale dust.
Environmental precaution	Do not let product enter drains.
Method for cleaning up	Sweep up and shovel into suitable containers for disposal. Flush area with plenty of water.

7. Handling and Storage	
Handling	Avoid handling which leads to dust formation. Avoid contact with skin, eyes and clothing. Do not inhale dust. The work area should be adequately ventilated.
Storage	Keep containers tightly closed. Store at moderate temperatures in a dry well ventilated area.
Packing	Polythene/paper sacks will suffice

8. Exposure Controls & Personal Protection	
General	Exposure limits OEL (United Kingdom) Occupational Exposure Standard: 0.5 mg/m ³ , 8 hour TWA5-96) TLV-TWA Recommended monitoring procedures: personal dust sampler. Respiratory protection: Dust mask. Local Exhaust Ventilation must be provided. Skin and body protection: Protective overall Hand protection: Butyl Rubber. Eyes protection: safety glasses.

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9. Physical & Chemical Properties	
Appearance	Powder
Color	White
Odor	Odorless
Molecular Weight	291.5
Melting Point	656°C
Boiling Point	1550°C
Freezing Point	NA
Decomposition Temperature	NA
Bulk Density	NA
pH	NA
Solubility	NA

10. Stability & Reactivity	
Stability	Stable at normal conditions
Conditions to Avoid	Excessive heating
Materials to Avoid	Acids and alkalis
Hazardous Decomposition Products	Oxides of Antimony

11. Toxicological Information
Acute toxicity Oral: LD50 oral, rat: 34600 mg/m ³ . Inhalation: Dust irritating to respiratory system or lungs. Skin irritation: Skin irritation on contact Eye irritation: Moderate eye irritation on contact. Carcinogenicity: Category 3 carcinogen

12. Ecological Information
Not available.

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13. Disposal Considerations

In accordance with local and national regulations.

14. Transport Information

UN-No.: Not applicable.

IMDG/ADR: Class Not classified as dangerous in the meaning of transport regulations.

15. Regulatory Information

EC Classification (67/548/EEC-88/379/EEC - 92/32/EEC): Xn - Harmful.

R-phrases(s): R40 - Possible risks of irreversible effects.

S-phrases(s): S22 - Do not breathe dust. S36/37 - Wear suitable protective clothing and gloves.

Symbol:



Harmful

16. Other Information

Training advice: all persons handling this product should be informed of the existence of the hazard, of possible damage to which might be subject and of all requisite protective measures to prevent such damage.

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