

CHEMOTECHNIQUE DIAGNOSTICS

Modemgatan 9, SE-235 39 Vellinge, SWEDEN

MATERIAL SAFETY**DATA SHEET****IDENTIFIER / TRADENAME**

**Aluminum Powder
Patch Test Hapten
(5ml in a polypropylene syringe)**

SECTION I: GENERAL INFORMATION

Product REF:	A-021
Manufacturer:	CHEMOTECHNIQUE DIAGNOSTICS AB Modemgatan 9 SE-235 39 Vellinge, SWEDEN
Distributor:	
Emerg/Info Phone:	+46 (0)40-46 60 77
Doc. Date/Rev:	1 – MAY-2006 / 0

SECTION II: INGREDIENTS / IDENTITY INFORMATION

Ingredient:	Aluminum (powder)
CAS Number:	7429-90-5
% by weight:	100%

SECTION III: PHYSICAL / CHEMICAL CHARACTERISTICS *

Appearance:	Grey
Odor:	Odorless
Boiling Point:	4221 °F / 2327 °C
Melting Point:	1220 °F / 660 °C
Specific Gravity:	n/a
Vapor Density:	n/a
Vapor Pressure:	1 mmHg at 1284 °C
Evaporation Rate:	n/a
Solubility in Water:	Insoluble
* (Ref: JTBaker MSDS A2712)	

SECTION IV: FIRE AND EXPLOSION HAZARD DATA[†]

Flash Point:	n/a
Flammable Limits:	n/a
Extinguishing Media:	Dry powder
Special Fire Fighting Procedures:	Water ineffective. (see extinguishing media above)
Unusual Fire and Explosion Hazards:	Flammable Solid. Powder may form flammable or explosive mixture with air, especially when damp.
† (Ref: JTBaker MSDS A2712)	

SECTION V: REACTIVITY DATA

Incompatibility:	May react with strong oxidizing agents, mercury, halocarbons, halogens, water, acids, bases and many other materials
Stability:	Stable under normal conditions of use
Hazardous byproducts:	Toxic metal fumes may form when heated to decomposition
Hazardous Polymerization:	Will not occur

SECTION VI: HEALTH HAZARD DATA

Route(s) of entry:	Inhalation: YES Skin / Ingestion: NO
Health Hazards:	The objective of applying a hapten on the patient's skin is the diagnosis of contact allergies. Localized dermal allergic reaction may occur at test site.
Carcinogenicity:	NTP / IARC Monographs / OSHA Regulated: n/a
Signs and symptoms of exposure:	Difficulty breathing / Dermal irritation
Medical conditions aggravated by exposure:	Dermatitis
Emergency and First Aid Procedures:	Obtain medical attention

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken if material is released or spilled:	Clean spills in a manner that does not disperse powder into the air. Place in a closed container. Do not use water.
Waste disposal method:	Comply with federal, state/provincial and local regulations.
Precautions to be taken in handling and storage:	Store in a cool, dry place. Avoid extended exposure to sunlight. FOR EXTERNAL USE ONLY

SECTION VIII: CONTROL MEASURES

Respiratory Protection:	Face mask .
Ventilation:	Local exhaust.
Protective gloves:	Disposable gloves.
Eye protection:	Safety goggles.
Work/Hygienic Practices:	Wash hands after each use.

Chemotechnique Diagnostics makes no representation as to the comprehensiveness or correctness of the information provided and it is intended only as a guide to a properly trained individual in the appropriate handling of the material