

Alfa Aesar/Avocado Organics – Material Safety Data Sheet A13024

1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER Name On Label :

Aniline hydrochloride

Product Number : A13024

Supplier :

Johnson Matthey Catalog Company Inc.

30 Bond Street, Ward Hill, Massachusetts, 01835–8099

Emergency Telephone Number: (978) 521–6300; CHEMTREC: (800) 424–9300

Alternative Names : None in common use.

2. COMPOSITION AND INFORMATION ON COMPONENTS Name : Aniline hydrochloride

Minor Impurities : Not determined

CAS Number : 142–04–1

EINECS Number : 2055198

EEC Number :

3. HAZARDS IDENTIFICATION Designation :

VERY TOXIC ~ POSSIBLE CARCINOGEN ~ IRRITANT

Risk Phrases

R26/27/28 Very toxic by inhalation, in contact with skin and if swallowed.

R33 Danger of cumulative effects.

R36/37/38 Irritating to eyes, respiratory system and skin.

4. FIRST AID MEASURES Inhalation

Remove to fresh air. If breathing is difficult give oxygen and seek medical attention.

Eye Contact

Flush with copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.

Skin Contact

Remove contaminated clothing. Wash affected area with soap and water. Rinse thoroughly. If irritation persists or other symptoms are observed, seek medical advice.

Ingestion

Rinse out mouth and drink lots of water. Seek urgent medical attention and show physician the container details.

5. FIRE FIGHTING MEASURES Extinguishing Medium

Use fire fighting measures which suit the environment and take into account other materials which may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.

Protective Equipment

Wear self-contained breathing apparatus and protective clothing.

Hazardous Products of Combustion May Include:

carbon monoxide, carbon dioxide, oxides of nitrogen, nitric acid, hydrogen chloride (hydrochloric acid), hydrogen cyanide.

6. ACCIDENTAL RELEASE MEASURES Personal Protection

Avoid inhalation or contact of spilled material with skin or clothing. Wear protective equipment including rubber gloves, and eye protection. Keep unprotected persons away.

Environmental Protection

Take precautions to ensure product does not contaminate the ground or enter the drainage system.

Collection

Mix with vermiculite or proprietary absorbent material and transfer to sealed containers for disposal.

7. HANDLING AND STORAGE Handling

Chemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system.

Storage

Store in tightly sealed containers in a cool place.

Product is hygroscopic. Take precautions to avoid contact with atmospheric moisture.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION Respiratory
Avoid inhalation of product. Handle in an efficient fume hood or equivalent system.

Eye

Avoid eye contact. Wear safety spectacles, goggles or, for larger quantities, a full face mask.

Hands and Body

Irritant product. Avoid skin contact. Wear rubber gloves, protective clothing and, for larger quantities, full arm, body and face protection. Wash hands thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES Appearance : Green crystalline powder

Physical Constants: m.p. 196–198°

Molecular Formula : C₆H₇N.HCl

Formula Weight : 129.59

Water Solubility : V sol

Density : Not available

Flash Point : 193°

10. STABILITY AND REACTIVITY Specific Hazard

Incompatibilities

Strong oxidising agents.

Decomposition

Hazardous products of decomposition may include:

carbon monoxide, carbon dioxide, oxides of nitrogen, nitric acid, hydrogen chloride (hydrochloric acid), hydrogen cyanide.

11. TOXICOLOGICAL INFORMATION RTECS Number : CY0875000

Acute Toxicity

LD50 : ORL–RAT 840mg/kg

Very toxic by inhalation, in contact with skin and if swallowed. Danger of cumulative effects. Irritating to eyes, respiratory system and skin.

Special Note

Exposure may cause cyanosis (blue–grey colouring of lips and skin caused by lack of oxygen). Symptoms of exposure may include nausea, dizziness and headache.

Chronic Toxicity

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION Respiratory Avoid inhalation of product. Hand

Carcinogen. Possible mutagen. May cause damage to the bladder. May cause damage to the central nervous system. May cause damage to the blood.

12. ECOLOGICAL EFFECTS General

Take care to prevent chemicals from entering the ground, water courses or drainage systems.

13. DISPOSAL CONSIDERATIONS Disposal

Disposal should be via an approved contractor and should take full account of local regulations.

14. TRANSPORT INFORMATION UN Number : 1548

Land Transport

ADR/RIC Code/Class: 6.1 /Packing Group I

Maritime Transport IMDG Code/Class : 6.1 /Packing Group I

Air Transport IATA Code/Class : 6.1 /Packing Group I

15. REGULATORY INFORMATION CAS Number : 142-04-1

EINECS Number : 2055198

EEC Number :

UN Number : 1548

RTECS Number : CY0875000

Hazard Indication :

VERY TOXIC ~ POSSIBLE CARCINOGEN ~ IRRITANT

Risk and Safety Phrases

Very toxic by inhalation, in contact with skin and if swallowed.

Danger of cumulative effects.

Irritating to eyes, respiratory system and skin.

Wear suitable protective clothing and gloves.

If you feel unwell, seek medical advice (show the label where possible).

TSCA: Listed substance.

16. OTHER INFORMATION

It must be recognised that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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