



SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT CODE A0006
PRODUCT NAME AMBROXAN
SUPPLIER M & U International LLC.
31 Readington Rd.
Branchburg, NJ 08876
908-359-9000
Sales.us@mu-intel.us

FOR EMERGENCIES CALL CHEMTREC: 800-424-9300 (24-HOURS)

2. HAZARD IDENTIFICATION:

Classification of the substance or mixture:

This substance is classified and labeled according to the Globally Harmonized System (GHS).
Not a hazardous substance.

Hazards not otherwise classified (HNOC) or not covered by GHS – Vesicant, lachrymator.

3. COMPOSITION AND INFORMATION ON INGREDIENTS:

Chemical characterization: Substances

CAS No.: 6790-58-5

Description: AMBROXAN

Identification number(s)

EC No.: 229-861-2

4. FIRST-AID GUIDE:

Description of first aid measures

After inhalation:

Supply fresh air. In case of unconsciousness place patient stably in side position for transportation. Call a doctor if symptoms develop or persist. Move out of dangerous area.

After skin contact:

Wash off with soap and plenty of water. Consult a physician if you feel unwell.

After eye contact:

Rinse opened eye for several minutes under running water. Consult a physician if you feel unwell.

After swallowing:

If swallowed rinse mouth with water (only if person is conscious). If symptoms persist consult doctor.

Information for doctor:**Most important symptoms and effects, both acute and delayed**

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. FIRE-FIGHTING GUIDE:**Extinguishing media****Suitable extinguishing agents:**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

Carbon oxides

Advice for firefighters**Protective equipment:**

Wear self contained breathing apparatus for fire fighting if necessary.

Additional information

Use water spray to cool unopened containers.

6. ACCIDENTAL RELEASE GUIDE:**Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Avoid breathing vapors, mist, or gas.

Environmental precautions:

Do not let product enter drains.

Methods and material for containment and cleaning up:

Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE:

Handling:**Precautions for safe handling**

Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.

Conditions for safe storage, including any incompatibilities**Storage:****Requirements to be met by storerooms and receptacles:**

Keep container tightly closed in a dry and well-ventilated place.

Storage class (TRGS 510): 13: Non Combustible Solids

8. EXPOSURE AND PERSONAL PROTECTION:**Control parameters****Components with limit values that require monitoring at the workplace:**

Contains no substances with occupational exposure limit values.

Exposure controls**Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of work day.

Personal protective equipment:**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material should be based

on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material

The exact break through time has to be determined by the manufacturer of the protective gloves and has to be observed.

Eye protection:



Tightly sealed goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Information on basic physical and chemical properties

General Information	
Appearance:	
Form:	Crystalline
Color:	White
Odor:	Not determined.
Odor threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	74 - 76 °C (165 - 169 °F) – lit.
Boiling point/Boiling range:	
	Not determined.
Flash point:	
	Not determined.
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	Not determined
Decomposition temperature:	Not determined.
Auto igniting:	Not determined.
Danger of explosion:	Not determined
Explosion limits:	
Lower:	
Upper:	
Vapor pressure:	Not applicable.
Density at 20 °C (68 °F):	Not determined.
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with Water:	Not miscible or difficult to mix.

Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Organic solvents:	Not determined.
Other information	No further relevant information available.

10. STABILITY AND REACTIVITY:

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

No data available.

Conditions to avoid

No data available.

Incompatible materials:

Strong oxidizing agents.

Hazardous decomposition products:

Carbon oxides

11. TOXICOLOGICAL INFORMATION:

Information on toxicological effects

Acute toxicity:

No data available.

Primary irritant effect:

On the skin:

No data available.

On the eye:

No data available.

Sensitization:

No data available.

Germ cell mutagenicity

No data available.

Additional toxicological information:

Carcinogenic categories

IARC (International Agency for Research on Cancer)

Substance is not listed.

NTP (National Toxicology Program)

Substance is not listed.

OSHA-Ca (Occupational Safety & Health Administration)

Substance is not listed.

Specific target organ toxicity - single exposure

No data available.

Additional Information

No data available.

12. ECOLOGICAL INFORMATION:

Toxicity

Aquatic toxicity:

No data available.

Persistence and degradability

No data available.

Behavior in environmental systems:

Bioaccumulative potential

Not applicable.

Mobility in soil

Not applicable.

Results of PBT and vPvB assessment

PBT:

Not applicable.

vPvB:

Not applicable.

Other adverse effects

No data available.

13. DISPOSAL RECOMMENDATIONS:

Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as an unused product.

14. TRANSPORTATION INFORMATION:

DOT (US) NA/UN-Number: Class: Packing group: Proper shipping name: Reportable Quantity: Poison Inhalation Hazard:	Not dangerous goods
IMDG UN-number: Class: Packing group: EMS No.: Proper shipping name: Marine pollutant:	Not dangerous goods
IATA UN-number: Class: Packing group: Proper shipping name: IATA passenger:	Not dangerous goods

15. REGULATORY INFORMATION:

Safety, health and environmental regulations/legislation specific for the substance or mixture

Sara

Section 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section 311/312 (hazardous chemical):

No SARA Hazards

Section 313 Components

The following components are not subject to reporting levels established by SARA Title III, Section 313.

TSCA (Toxic Substances Control Act):

Substance is not listed.

Proposition 65

Chemicals known to cause cancer:

Substance is not listed.

Chemicals known to cause reproductive toxicity for females:

Substance is not listed.

Chemicals known to cause reproductive toxicity for males:

Substance is not listed.

Chemicals known to cause developmental toxicity:

Substance is not listed.

Carcinogenic categories

EPA (Environmental Protection Agency)

Substance is not listed.

TLV (Threshold Limit Value established by ACGIH)

Substance is not listed.

NIOSH-Ca (National Institute for Occupational Safety and Health)

Substance is not listed.

Massachusetts Right to Know Components

None.

Pennsylvania Right to Know Components

AMBROXAN

Cas. No.: 6790-58-5

New Jersey Right to Know Components

AMBROXAN

Cas. No.: 6790-58-5

Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION:

The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond M&U's control, it is the responsibility of the user both to determine safe conditions for use of this product and to assume liability for loss, damage, or expense arising out of the products improper use. No warranty expressed or implied regarding the product described herein will be created by or inferred from any statement or omission in the SDS. Various federal, state, or provincial agencies may have specific regulations concerning the transportation, handling, storage, use, or disposal of this product which may not be reflected in the SDS. The user should review these regulations to ensure full compliance.

Prepared By: M&U International LLC

REVISED: 8/8/2023