

Section 1. Identification of the substance or mixture and of the Company / Undertaking

1.1. Product identification:

Product name : AMTRA PROCLEAN X

Commercial code: A3050636 - A3050637

1.2. Relevant identified uses of the substance or mixture and uses advised against:

Description / Uses:

Bioconditioner for the ornamental aquariums nitrogen compounds degradation.

1.3. Details of the supplier of the material safety data sheet:

CROCI S.p.A.
Via S.Alessandro, 8
21040 Castronno (VA) - Italy
Tel. +39 0332 870860
Fax. +39 0332 462439

e-mail Technical Responsible: matteo.gamberoni@croci.net. Phone number: +39 0332 870860

1.4. Emergency Phone Number:

Florence Poison Center: Telephone +39 055 794 7819 (CAV-Careggi Hospital in Florence).
Genoa Poison Center: Telephone +39 010 563 6245 (Scientific Institute G. Gaslini).
Turin Poison Center : Telephone +39 011/6637637 (SG Baptist Hospital - Molinette of Turin).
Pavia Poison Center: Telephone +39 038 224 444 (CAV IRCCS Fondazione Maugeri-Pavia).
Rome Poison Center: Telephone +39 06 305 4343 (CAV Policlinico Gemelli-Rome).
Rome Poison Center: Telephone +39 06499780 00 (CAV Policlinico Umberto I-Rome).
Naples Poison Center: Telephone +39 081 747 2870 (CAV Cardarelli Hospital-Naples).
Milan Poison Centre: Telephone +39 02661010 29 (CAV Niguarda Ca 'Granda - Milan) (H-24)
Bergamo Poison Centre: Telephone 800883300 (Hospital Papa Giovanni XXIII)

Section 2. Hazards Identification

2.1. Classification of the substance or mixture

2.1.1 Classification under the Regulation 1272/2008: The preparation is not classified as hazardous according to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments)

2.2. Labeling elements: Danger labeling under the Regulation (EC) 1272/2008 (CLP) and subsequent amendments.
Hazard symbols: None

Warnings: None

Hazard statements: None

Precautionary Statements: None

Product not intended for the uses foreseen by Dir. (CE) 2004 / 42 .

2.3. Other hazards:

Based on the available data, the product does not contain PBT or vPvB substances in a percentage higher than 0.1%

Section 3. Composition / Information on the ingredients

3.1. Substances:

Not applicable

3.2. Mixtures:

The product does not contain substances classified as hazardous to health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or Regulation (EC) 1272/2008 (CLP) (and subsequent amendments) in such quantities as to require the declaration.

Section 4. First aid measures

4.1 Description of first aid measures:

Not specifically necessary. It is recommended in all cases respect the rules of good industrial hygiene.

4.2. Most important symptoms and effects, both acute and delayed:

No episodes of damage to health attributable to the product.

4.3. Indication of any immediate medical attention and special treatment:

Information not available

Section 5. Fire-fighting measures

5.1. Extinguishing media:

SUITABLE EXTINGUISHING MEDIA:

Carbon dioxide, foam, dust and water spray

EXTINGUISHING MEDIA NOT SUITABLE:

None in particular.

5.2. Special hazards arising from the substance or mixture:

Avoid breathing products of combustion.

5.3. Recommendations for those involved in extinguishing fires:

GENERAL INFORMATIONS

Cool the containers with water jets to avoid decomposition of the product and the development of substances potentially hazardous for health. Always wear the complete fire protection equipment. Collect extinguishing water that must not be discharged into drains. Dispose of contaminated water used for extinction and the remains of the fire according to the regulations in force.

EQUIPMENT

Normal fire fighting clothing, such as an open circuit compressed air breathing apparatus (EN 137), complete with flame retardant (EN469), fireproof gloves (EN 659) and boots for Firefighters (HO A29 or A30).

Section 6. Accidental release measures

In case of spillage of the product in water, facilitate the dispersion as it improves the biological degradation.

6.1. Personal precautions, protective equipment and emergency procedures:

In the case of vapors or dust dispersed in the air, use respiratory protection. These indications are valid both for workers involved in the work and for emergency interventions.

6.2. Environmental precautions:

Prevent product from entering into the drains, surface water, ground water and neighboring areas.

6.3. Methods and materials for containment and cleaning up:

Stem with earth or inert material. Collect most of the material and eliminate the residue with water jets. The disposal of contaminated material must be carried out in accordance with the provisions of point 13.

6.4. Reference to other sections (see section 8 and 13):

The disposal of contaminated material must be made in accordance with the provisions of section 8 and 13.

Section 7. Handling and storage

7.1. Precautions for safe handling:

Handle the product after consulting all the other sections of this safety data sheet. Avoid dispersion of the product in the environment. Do not eat, drink or smoke during use.

7.2. Conditions for safe storage, including any incompatibilities:

Keep the product in clearly labeled containers. Keep the containers away from any incompatible materials, checking section 10.

Storage class TRGS 510 (Germany): 12

7.3. Specific end uses:

None known.

section 8. Exposure controls/personal protection

8.1. Control parameters:

The exposure limits are listed below, when they exist.

8.2. Exposure controls:

Considering that the use of adequate technical measures should always take priority over personal protection equipment, ensure good ventilation in the workplace through effective local aspiration.

Individual protection devices must bear the CE marking attesting to their compliance with the regulations in force. **HAND PROTECTION**

The use of protective gloves (ref. EN 374) is recommended. For the final choice of material for work gloves, the process of using the product and any other products derived from it must also be evaluated. It should also be noted that latex gloves can give rise to sensitization phenomena.

EYE PROTECTION

We recommend wearing safety glasses (ref. EN 166).

SKIN AND BODY PROTECTION

Wear protective clothing and safety footwear (ref. Directive 89/686 / EEC and EN ISO 20344).

RESPIRATORY PROTECTION

In case of insufficient ventilation use respiratory equipment.

ENVIRONMENTAL EXPOSURE CHECKS

Emissions from production processes, including those from ventilation equipment, should be checked for compliance with environmental protection regulations.

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Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical:

Physical form: Liquid

Color: opalescent

Odor: light

Odor detection threshold: NA (not available).

pH = > 8,0

Melting point or freezing: -2 C°

Boiling Point range: > 100 °C

Distillation range: NA (not available).

Flash Point: > 60 °C

Evaporation Rate: NA (not available).

Flammability of solids and gases: NA (not available).

Lower explosive limit: NA (not available).

Upper limit of flammability: NA (not available).

Lower explosive limit: NA (not available).

Upper explosive limit: NA (not available).

Vapor Pressure: NA (not available).

Vapour density: NA (not available).

Relative density: NA (not available)

Solubility: Soluble in water

N-octanol/water partition coefficient: NA (not available).

Ignition temperature: NA (not available).

Decomposition temperature: NA (not available).

Viscosity: <100 cPs (25,0°C/LCP/100rpm)

Explosive properties: NA (not available).

Oxidizing properties: NA (not available).

9.2. Other information:

none

Section 10. Stability and reactivity

10.1. reactivity:

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability:

The mixture is stable under normal conditions of use and storage

10.3. Possibility of hazardous reactions:

In normal conditions of use and storage no dangerous reactions are predictable.

10.4 Conditions to avoid:

No dangerous reactions if used and stored according to specifications.

10.5. Incompatible materials

Information not available.

10.6. Hazardous decomposition products:

Information not available.

Section 11. Toxicological information

11.1 Information on toxicological effects:

No episodes of damage to health due to exposure to the product. In any case it must be handled in accordance with the rules of good industrial hygiene.

Interactive effects:

Not known .

Other information:

None known.

Section 12. Ecological information

Adopt good working practices, avoiding littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation. The product is not considered hazardous to the environment than to mobility, persistence and degradability, bioaccumulative potential, aquatic toxicity and other aspects relating to ecotoxicity.

12.1 Toxicity:

Information not available

12.2 Persistence and degradability:

Information not available.

12.3 Bioaccumulative potential:

Information not available.

12.3 Bioaccumulative potential:

Information not available.

12.5 Results of PBT and vPvB assessment:

Based on the available data, the product does not contain any PBT or vPvB in percentage higher than 0.1%.

12.6 Other adverse effects:

Information not available.

Section 13. Disposal considerations

13.1. Waste treatment methods:

No special disposal methods are required. Always operate in accordance with local laws and regulations in force. Reuse, if possible. The residues of the product as such are to be considered special non-hazardous waste. Disposal must be entrusted to an authorized waste management company, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be sent for recovery or disposal in compliance with national waste management regulations

Section 14. Transport information

The product is not classified as dangerous under current provisions governing the transport of dangerous goods by road (ADR), by Rail (RID), by sea (IMDG Code) and by air (IATA).

Section 15. Regulatory information

15.1. Standards and legislation on health, safety and environment specific for the substance or mixture:

Seveso category.

None.

Restrictions relating to the product or contained substances pursuant to Annex XVII to Regulation (EC) 1907/2006:

None.

Substances in Candidate List (Art. 59 REACH):

None.

Substances subject to authorization (Annex XIV REACH):

None.

Substances subject to export notification Reg. (EC) 649/2012):

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None

Healthcare controls:

No information available

Classification for water pollution in Germany (AwSV, vom 18. April 2017)

WGK Nwg: Not hazardous to water

15.2. Chemical safety assessment:

Has not been developed a chemical safety assessment for the mixture and the substances it contains. Classes VOC (Ref. Tab. D Alleg. The Legislative Decree 152/2006 Part V): 0 %

Section 16. Other information

An explanation of acronyms used with legend:

- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. ASTM: --
- ASTM American Society for Testing and Materials (ASTM).
- ATE: Acute toxicity estimate.
- EINECS: European Inventory of Existing Commercial Chemical Substances.
- NOEL: No Observed Effect Level.
- NOEC: No Observed Effect Concentration.
- LOEC: Lowest Observed Effect Concentration.
- DNEL: Derived No Effect Level.
- DMEL: Derived Minimum Effect Level.
- CLP: Classification, Labelling and Packaging.
- CSR: Chemical Safety Report.
- IATA: International Air Transport Association.
- ICAO: International Civil Aviation Organization.
- Code IMDG: International Maritime Dangerous Goods code.
- PBT: Persistent, bioaccumulative and toxic.
- vPvB: Very persistent very bioaccumulative.
- RID: Regulation concerning the international transport of dangerous goods by train.
- PNEC: Predicted No effect Concentration.
- PNOS: Particulates not Otherwise specified.
- BOD: Biochemical Oxtgen Demand.
- COD: Chemical Oxygen Demand.
- BCF: BioConcentration factor.
- STEL: Short term exposure limit.
- TLV: Threshold limit value.
- TWA: Time Weighted Average.
- EU: European Union.
- VOC: Volatile organic compounds
- EmS: Emergency Schedule.
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- CAS NUMBER: Chemical Abstract Service Number.
- IMO: International Maritime Organization.
- INDEX NUMBER: Identification number in Annex VI to the CLP
- ECHA: European chemicals agency.

Key literature references and sources of data

- 1.Regulation (CE) 1907/2006 del Parlamento Europeo (REACH)
- 2.Regulation (CE) 1272/2008 del Parlamento Europeo (CLP)
- 3.Regulation (UE) 790/2009 del Parlamento Europeo (I Atp. CLP)
- 4.Regulation (UE) 2015/830 del Parlamento Europeo
- 5.Regulation (UE) 286/2011 del Parlamento Europeo (II Atp. CLP)
- 6.Regulation (UE) 618/2012 del Parlamento Europeo (III Atp. CLP)
- 7.Regulation (UE) 487/2013 del Parlamento Europeo (IV Atp. CLP)
- 8.Regulation (UE) 944/2013 del Parlamento Europeo (V Atp. CLP)
- 9.Regulation (UE) 605/2014 del Parlamento Europeo (VI Atp. CLP)
- 10.Regulation (UE) 2015/1221 del Parlamento Europeo (VII Atp. CLP)
- 11.Regulation (UE) 2016/918 del Parlamento Europeo (VIII Atp. CLP)
- 12.Regulation (UE) 2016/1179 (IX Atp. CLP)
- 13.Regulation (UE) 2017/776 (X Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- website IFA GESTIS
- website Agenzia ECHA
- Database of SDS models of chemical substances - Ministry of Health and National Institute of Health

Note for users:

The information in this sheet are based on knowledge available at the date of the last version. Users must verify the suitability and completeness of information in relation to the specific use of the product. It should not be construed as a guarantee on any specific product property.

Since the use of this product is not under our direct control, users must, under their own responsibility, laws and regulations on hygiene and safety. Do not assume responsibility for improper use.