

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

1.1. Product identification:

Product name : AMTRA CLEANWATER

Commercial code: A0010100-A0010102

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

Sectors of use:

Other (Professional and / or Consumer Uses)

Product categories: Water treatment chemicals

Sectors of use: Direct use of the consumer. Water treatment to remove phosphate, nitrite and nitrate in aquaria

Uses advised against: Do not use for purposes other than those indicated

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:

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

Section 4. First aid measures

4.1 Description of first aid measures:

General: : In all cases of doubt, or when symptoms persist, seek medical attention. Show this safety data sheet or label to the doctor if possible.

Eye contact: Check for and remove any contact lenses. Immediately flush eyes with plenty of lukewarm water, keeping eyelids open. Continue to rinse for at least 10 minutes.

Inhalation: Remove to fresh air.

Skin contact: Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

Ingestion: If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious). If significant amounts have been swallowed or if symptoms persist, seek medical attention.

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

See Section 11 for more detailed information on health effects and symptoms.

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: Use an extinguishing agent suitable for the surrounding fire. Recommended: Alcohol resistant foam, CO₂, powders or water spray/mist.

EXTINGUISHING MEDIA NOT SUITABLE: Do not use a direct water jet that could spread the fire.

5.2. Special hazards arising from the substance or mixture:

Hazards from the substance or mixture: This product is not classified as flammable. Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

Hazardous combustion products: When exposed to high temperatures, hazardous decomposition products may be produced, such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.

5.3. Recommendations for those involved in extinguishing fires:

Special protective actions for fire-fighters: Use water spray to keep fire-exposed containers cool. Do not release runoff from fire to drains or watercourses.

Special protective equipment for fire-fighters: Appropriate breathing apparatus may be required.

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

Refer to protective measures listed in sections 7 and 8.

Conforms to regulation (UE) 2015/830

6.2. Environmental precautions:

Do not allow to enter drains, water courses or soil.

6.3. Methods and materials for containment and cleaning up:

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Preferably clean with water or detergent. Avoid using solvents.

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

See Section 1 for emergency contact information.

See Section 13 for additional waste treatment information.

Section 7. Handling and storage

7.1. Precautions for safe handling:

Skin contact with the product and exposure to spray mist and vapor should be avoided. Avoid inhalation of dust from sanding. See Section 8 for information on appropriate personal protective equipment. Eating, drinking and smoking should be prohibited in areas where this material is handled and stored. Wash hands before breaks and immediately after handling the product.

7.2. Conditions for safe storage, including any incompatibilities:

Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10). Keep container tightly closed. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Recommended storage temperature is +5°C ...+25°C. Do not allow to freeze. Store in accordance with local regulations.

7.3. Specific end uses:

None known.

section 8. Exposure controls/personal protection

8.1. Control parameters:

Occupational exposure limits: No exposure limit value known.

Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

DNELs/DMELs: No DNELs/DMELs available.

PNECs: No PNECs available.

8.2. Exposure controls:

Appropriate engineering controls: Provide adequate ventilation. Comply with the health and safety at work laws.

Individual protection measures Eye/face protection : Safety eyewear should be used when there is a likelihood of exposure. Use safety eyewear (EN166), especially during bulk-application.

Hand protection: Wear protective gloves. Gloves should be replaced regularly and if there is any sign of damage to the glove material. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Recommended glove material (EN374): > 8 hours (breakthrough time): nitrile rubber

Not recommended: PVA gloves

Skin protection Respiratory protection: Wear appropriate personal protective clothing to prevent skin contact. If ventilation during spray-application is inadequate, use respirators with combination filter AP, gas/dust filter (EN405:2001). Wear a respirator with type P2 filter during sanding (EN149:2001). Be sure to use an approved/certified respirator or equivalent. Check that mask fits tightly and change filter regularly.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical:

Physical form: Solid (granules or powder)

Color: Light brown

Odor: Odorless

Odor detection threshold: Not relevant for the hazard assessment of the product.

pH = Not relevant for the hazard assessment of the product.

Melting point or freezing: Not applicable

Initial boiling point and boiling range: Not applicable

Flash Point: >100 °C

Evaporation Rate: NA (not available).

Flammability of solids and gases: Avoid temperatures above 180°C, as this will yield toxic and corrosive gases.

Lower explosive limit: NA (not available).

Upper limit of flammability: No flammable ingredients present.

Lower explosive limit: No flammable ingredients present.

Upper explosive limit: No flammable ingredients present.

Vapor Pressure: 3.2 kPa [room temperature] (water)

Vapour density: Not relevant for the hazard assessment of the product.

Relative density: 350 gr / Ltr

Solubility: ~3.5 (1% solution).

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

Ignition temperature: No relevant for the nature of the product.

Decomposition temperature: Not relevant for the hazard assessment of the product.

Viscosity: Not relevant for the hazard assessment of the product.

Explosive properties: no explosive ingredients present

Oxidizing properties: no oxidizing ingredients present

9.2. Other information:

No additional
information

Section 10. Stability and reactivity

10.1. reactivity:

See Section 10.5

10.2. Chemical stability:

Stable under recommended storage and handling conditions (see Section 7).

10.3. Possibility of hazardous reactions:

Under normal conditions of storage and use, hazardous reactions will not occur..

10.4 Conditions to avoid:

Avoid extreme heat and freezing..

10.5. Incompatible materials

Keep away from the following materials to prevent strong exothermic reactions:

oxidizing agents

strong acids

strong alkalis

10.6. Hazardous decomposition products:

When exposed to high temperatures, hazardous decomposition products may be produced, such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.

Section 11. Toxicological information

11.1 Information on toxicological effects:

There is no testdata available on the product itself.

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

Long term exposure to high temperatures may produce respiratory tract irritation. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.

Acute toxicity: Not classified.

Irritation/Corrosion: Not classified.

Sensitization: The product is not classified as sensitizing by skin contact, it does not contain preservatives or other biocides which may produce an allergic reaction.

Mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproductive toxicity: Not classified.

Teratogenicity: Not classified.

Specific target organ toxicity (single exposure): Not classified.

Specific target organ toxicity (repeated exposure): Not classified.

Aspiration hazard: Not classified.

Section 12. Ecological information

Ecological testing has not been conducted on this product. Do not allow to enter drains, water courses or soil.

The product is not classified as environmentally hazardous according to Regulation (EC) 1272/2008.

12.1 Toxicity: No specific data.
not available

12.2 Persistence and degradability: No specific data.

12.3 Bioaccumulative potential: No specific data.

12.4 Mobility in soil :

Soil/water partition coefficient (KOC): No specific data.

Mobility: No specific data.

12.5 Results of PBT and vPvB assessment:

PBT : Not applicable.
vPvB : Not applicable.

12.6 Other adverse effects: Not available.

Section 13. Disposal considerations**13.1. Waste treatment methods:****Product**

Methods of disposal: Gather residues into waste containers. Liquid residue must not be emptied into drains or sewage system, but handled in accordance with national regulations. Product residues should be left at special companies which have permission for gathering this kind of wastes.

European waste catalogue (EWC):**Waste code**

15 02 03

Waste designation

absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned. For further information, contact your local waste authority.

Packaging

Methods of disposal: Empty packaging should be recycled or disposed of in accordance with national regulations.

Special precautions: No additional information.

Section 14. Transport information

This product is not regulated for carriage according to ADR/RID, IMDG.

	ADR/RID	IMDG
14.1 UN number	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	
14.3 Transport hazard class(es)	-	-
14.4 Packing group	-	-
14.5 Environmental hazards	No.	No.
Additional information	-	-

14.6 Special precautions for user: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: Not available.

Section 15. Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Other EU regulations

Europe inventory Not determined.

VOC Directive Not determined.

15.2. Chemical safety assessment:

This product contains substances for which Chemical Safety Assessments are still required.

Section 16. Other information

An explanation of acronyms used with legend:

Indicates information that has changed from previously issued version.

Abbreviations and acronyms

ATE = Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.1272/2008]

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EUH statement = CLP-specific Hazard statement

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RRN = REACH Registration Number

vPvB = Very Persistent and Very Bioaccumulati

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
not classified	

Full text of abbreviated H statements: not applicable

Full text of classifications [CLP/GHS]: not applicable

Date of issue/ Date of revision: 20/05/2019

Version : 1

This Safety Data Sheet is prepared in accordance with Annex II (EU) No 830/2015 to Regulation (EC) No 1907/2006 (REACH). The information contained in this Safety Data Sheet is based on the present state of knowledge and current EU and national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.