

Safety Data Sheet

acc. to OSHA HCS

Printing date 10/02/2015

Reviewed on 05/07/2018

1 Identification

Product identifier
Trade name: AXI-THERM CLEAN 10
Relevant identified uses of the substance or mixture and uses advised against
Sector of Use SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

Product category PC37 Water treatment chemicals

Process category PROC4 Use in batch and other process (synthesis) where opportunity for exposure arises

Environmental release category

ERC4 Industrial use of processing aids in processes and products, not becoming part of articles

Application of the substance / the mixture Cleaning Additive

Details of the supplier of the safety data sheet
Manufacturer/Supplier:

 FORIDRA srl – S.S. 16 Adriatica, 17/A
 60022 Castelfidardo (AN) – Italy. info@foridra.it
Distributor:

 AXIOM Industries Limited - 3603 BURRON AVENUE
 SASKATOON, SK S7P 0E4 – CANADA
 PHONE: (306) 651-1815 – EMAIL: info@axiomind.com
Information department: product safety department, see section 16

Emergency telephone number:

PERS 1-800-633-8253

2 Hazard(s) identification

Classification of the substance or mixture

The product is not classified according to the Globally Harmonized System (GHS).

Label elements
GHS label elements Void

Hazard pictograms Void

Signal word Void

Hazard-determining components of labeling: Not applicable

Hazard statements Void

Classification system:
NFPA ratings (scale 0 - 4)


Health = 0

Fire = 0

Reactivity = 0

HMIS-ratings (scale 0 - 4)


Health = 0

Fire = 0

Reactivity = 0

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Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.

3 Composition/information on ingredients

Chemical characterization: Mixtures**Description:** Mixture of non-hazardous substances**Dangerous components:** Void

4 First-aid measures

Description of first aid measures**General information:**

No special measures required.

rescuers must be well equipped

After inhalation: Supply fresh air; consult doctor in case of complaints.**After skin contact:** Take off immediately all contaminated clothing.**After eye contact:** Rinse opened eye for several minutes under running water.**After swallowing:** 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 measures

Extinguishing media**Suitable extinguishing agents:**CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**Special hazards arising from the substance or mixture**

Carbon monoxide (CO)

CO₂**Advice for firefighters****Protective equipment:** No special measures required.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures Not required.**Environmental precautions:** Do not allow to enter sewers/ surface or ground water.**Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Reference to other sections

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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7 Handling and storage

Handling:**Precautions for safe handling** No special measures required.**Information about protection against explosions and fires:** No special measures required.**Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Store only in the original receptacle.

Information about storage in one common storage facility: Not required.**Further information about storage conditions:**

The product is stable for 24 months, if stored at room temperature.

Storage class: 12**Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7.**Control parameters****Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists that were valid during the creation were used as basis.**Exposure controls****Personal protective equipment:****General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Breathing equipment: Not required.**Protection of hands:** Protective gloves**Material of gloves** Neoprene gloves**Penetration time of glove material**

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

Eye protection: Goggles recommended during refilling.

9 Physical and chemical properties

Information on basic physical and chemical properties**General Information****Appearance:**

Form:	Fluid
Color:	Light yellow
Odor:	Light

pH-value at 20 °C:	6.5
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Change in condition**Boiling point/Boiling range:** 100 °C**Flash point:** Not applicable.**Auto igniting:** Product is not selfigniting.

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Danger of explosion: Product does not present an explosion hazard.**Vapor pressure at 20 °C:** 23 hPa**Density at 20 °C:** 1.11 g/cm³**Solubility in / Miscibility with****Water:** Fully miscible.**Other information** No further relevant information available.

10 Stability and reactivity

Reactivity No further relevant information available.**Chemical stability****Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.**Possibility of hazardous reactions** No dangerous reactions known.**Conditions to avoid** No further relevant information available.**Incompatible materials:** No further relevant information available.**Hazardous decomposition products:** Carbon monoxide and carbon dioxide

11 Toxicological information

Information on toxicological effects**Acute toxicity:****Primary irritant effect:****on the skin:** No irritant effect.**on the eye:** No irritating effect.**Sensitization:** No sensitizing effects known.**Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Carcinogenic categories**IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

Toxicity

Note: no ecological testing was carried out on the product. Data are based on the properties of the main components.

Aquatic toxicity: No further relevant information available.**Persistence and degradability** No further relevant information available.**Behavior in environmental systems:****Bioaccumulative potential** No further relevant information available.**Mobility in soil** No further relevant information available.

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Additional ecological information:**General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment**PBT:** Not applicable.**vPvB:** Not applicable.**Other adverse effects** No further relevant information available.

13 Disposal considerations

Uncleaned packagings:**Recommendation:** Disposal must be made according to official regulations.

14 Transport information

UN-Number**DOT, TDG, ADN, IMDG, IATA** Void**UN proper shipping name****DOT, TDG, ADN, IMDG, IATA** Void**Transport hazard class(es)****DOT, TDG, ADN, IMDG, IATA****Class** Void**Packing group****DOT, TDG, IMDG, IATA** Void**Environmental hazards:****Marine pollutant:** No**Special precautions for user** Not applicable.**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.**UN "Model Regulation":** Void

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture
Sara**Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

TSCA (Toxic Substances Control Act):

None of the ingredients is listed.

Proposition 65**Chemicals known to cause cancer:**

None of the ingredients is listed.

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Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

Cancerogenity categories**EPA (Environmental Protection Agency)**

None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

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

None of the ingredients is listed.

Canadian substance listings:**Canadian Domestic Substances List (DSL)**

None of the ingredients is listed.

Canadian Ingredient Disclosure list (limit 0.1%)

None of the ingredients is listed.

Canadian Ingredient Disclosure list (limit 1%)

None of the ingredients is listed.

GHS label elements Void**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void**Precautionary statements****National regulations:****Other regulations, limitations and prohibitive regulations** Not applicable**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

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.

Department issuing MSDS: Research and development department

Contact: ufficiotecnico@foridra.it

Date of preparation / last revision 10/02/2015 / 5

Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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Trade name: AXI-THERM CLEAN 10*CAS: Chemical Abstracts Service (division of the American Chemical Society)**NFPA: National Fire Protection Association (USA)**HMIS: Hazardous Materials Identification System (USA)**PBT: Persistent, Bioaccumulative and Toxic**vPvB: very Persistent and very Bioaccumulative***Data compared to the previous version altered.**