SAFETY DATA SHEET

MasterGenium ACE 430

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: MasterGenium ACE 430
Product code: 000000000050683785

Manufacturer or supplier’s details
Company: SAUDI BASF FOR BUILDING MATERIALS CO. LTD
Address: Dammam 2nd Industrial Area AL Khobar 31952
Telephone: +966966138121140
Emergency telephone: ChemTel: +1-813-248-0585
Telefax: +966966138121822

Recommended use of the chemical and restrictions on use
Recommended use: Product for construction chemicals

2. HAZARDS IDENTIFICATION

GHS Classification
Short-term (acute) aquatic hazard: Category 2

GHS label elements
The product does not require a hazard warning label in accordance with GHS criteria.

Hazard pictograms: None
Signal Word: None
Hazard Statements: H401 Toxic to aquatic life.
Precautionary Statements:

Prevention:
P273 Avoid release to the environment.

Disposal:
P501 Dispose of contents/container to appropriate hazardous waste collection point.

Other hazards which do not result in classification
If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components
SAFETY DATA SHEET
MasterGenium ACE 430

4. FIRST AID MEASURES

General advice: First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.

If inhaled: Keep patient calm, remove to fresh air. If symptoms persist, seek medical advice.

In case of skin contact: After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

In case of eye contact: Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

If swallowed: Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

Most important symptoms and effects, both acute and delayed: None known.

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Foam
Water spray
Dry powder
Carbon dioxide (CO2)

Unsuitable extinguishing media: water jet

Hazardous combustion products: harmful vapours
nitrogen oxides
fumes/smoke
carbon black

Specific extinguishing methods: The degree of risk is governed by the burning substance and the fire conditions. If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Contaminated extinguishing water must be disposed of in accordance with official regulations.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Handle in accordance with good building materials hygiene and safety practice.

Environmental precautions:
- Contain contaminated water/firefighting water.
- Do not discharge into drains/surface waters/groundwater.

Methods and materials for containment and cleaning up:
- Wipe up with absorbent material (e.g. cloth, fleece).
- Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Advice on protection against fire and explosion:
The product is neither self-ignitable, nor an explosion hazard, nor does it promote fires.

Advice on safe handling:
- Avoid inhalation of dusts/mists/vapours.
- Avoid skin contact.
- Ensure adequate ventilation.
- No special measures necessary provided product is used correctly.

Conditions for safe storage:
- Electrical installations / working materials must comply with the technological safety standards.

Further information on storage conditions:
- Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.
- Protect from direct sunlight.

Materials to avoid:
- No materials to be especially mentioned.

Further information on storage stability:
- No decomposition if stored and applied as directed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters
Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection:
- Wear respiratory protection if ventilation is inadequate.
- Combination filter for gases/vapours of organic, inorganic, acid inorganic and alkaline compounds (e.g. EN 14387 Type ABEK).

Hand protection

Remarks:
- Impermeable gloves Synthetic rubber gloves Manufacturer’s directions for use should be observed because of great diversity of types.

Eye protection:
- Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Skin and body protection:
- Body protection must be chosen based on level of activity and exposure.

Protective measures:
- Do not inhale dust/fumes/aerosols.
- Avoid contact with the skin, eyes and clothing.
- Avoid exposure - obtain special instructions before use.
- Handle in accordance with good building materials hygiene and safety practice.
- Wearing of closed work clothing is recommended.
Hygiene measures:
When using, do not eat, drink or smoke.
Hands and/or face should be washed before breaks and at the end of the shift.
At the end of the shift the skin should be cleaned and skin-care agents applied.
Gloves must be inspected regularly and prior to each use.
Replace if necessary (e.g. pinhole leaks).
When using do not eat or drink.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: liquid
Color: brownish
Odor: characteristic
Odor Threshold: No data available
pH: 6 (20 °C)
boiling temperature: > 100 °C
Flash point: does not flash
Evaporation rate: not determined
Flammability (solid, gas): not flammable
Relative vapor density: not determined
Density: approx. 1.04 - 1.08 g/cm3 (20 °C)
Solubility(ies)
Water solubility: soluble (20 °C)
Partition coefficient: n-octanol/water: not applicable for mixtures
Autoignition temperature: not applicable
Decomposition temperature: No decomposition if stored and handled as prescribed/indicated.
Viscosity
Viscosity, dynamic: < 140 mPa.s (20 °C)
Explosive properties: Not explosive
Not explosive
Oxidizing properties: not fire-propagating
Metal corrosion rate: No corrosive effect on metal.
10. STABILITY AND REACTIVITY

Reactivity: No decomposition if stored and applied as directed.
Chemical stability: No decomposition if stored and applied as directed.
Possibility of hazardous reactions: Stable under recommended storage conditions. No hazards to be specially mentioned.

Conditions to avoid: See SDS section 7 - Handling and storage.
Incompatible materials:
  - Strong acids
  - Strong bases
  - Strong oxidizing agents
  - Strong reducing agents

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

11. TOXICOLOGICAL INFORMATION

Acute toxicity
Not classified based on available information.

Skin corrosion/irritation
Not classified based on available information.

Serious eye damage/eye irritation
Not classified based on available information.

Respiratory or skin sensitization

Skin sensitization
Not classified based on available information.

Respiratory sensitization
Not classified based on available information.

Germ cell mutagenicity
Not classified based on available information.

Carcinogenicity
Not classified based on available information.

Reproductive toxicity
Not classified based on available information.

STOT-single exposure
Not classified based on available information.

STOT-repeated exposure
Not classified based on available information.

Aspiration toxicity
Not classified based on available information.

Further information

Product:
Remarks: Health injuries are not known or expected under normal use. The product has not been tested. The statements on toxicolo-
12. ECOLOGICAL INFORMATION

Ecotoxicity

*Product:*

**Ecotoxicology Assessment**
Acute aquatic toxicity: Toxic to aquatic life.

**Persistence and degradability**
No data available

**Bioaccumulative potential**

**Components:**

- **acrylic acid:**
  - Partition coefficient: \( n\)-octanol/water: \( \log Pow = 0.46 \) (25 °C)
  - Method: Partition coefficient (\( n\)-octanol/water), Shake-flask method
  - GLP: no

**Mobility in soil**
No data available

**Other adverse effects**

*Product:*

Additional ecological information: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS

**Disposal methods**

- **Waste from residues:** Observe national and local legal requirements. The waste code in accordance with the European waste catalog (EWC) must be specified in cooperation with disposal agency/manufacturer/authorities. Residues should be disposed of in the same manner as the substance/product.

- **Contaminated packaging:** Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

**International Regulations**

**UNRTDG**
Not regulated as a dangerous good
IATA-DGR
Not regulated as a dangerous good

IMDG-Code
Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture
If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

The ingredients of this product are reported in the following inventories:

16. OTHER INFORMATION

Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods;
vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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