

Safety Data Sheet According to 1907/2006 EC

Contac® Drain Opener



Version 2.0 - Revision Date 22-Oct-2019 Print Date 2020-12-08

Section 1. Identification of the substance/Preparation and of the Company/undertaking:

1.1 Product identifier

Trade name: Contac® Drain Opener

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

Drain Opener

1.3 Details of the supplier of the safety data sheet

Company :Hamoudeh Industrial and trading EST
Al Mafrag – Jordan
Jaber Highway Street
Thagret Al Gub

Telephone : 00962 799079900
Fax : 00962 791602974
E-mail Address : MSDS@giantgroup.me
Responsible/issuing person : Eng. Maha Abu Reish

1.4 Emergency telephone number

+962799079900
Please refer to section 16 for full details.

Section 2. Hazards identification:

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skain corrosion/irritation , category 1A
inhalation, Category 4
oral , Category 4
Serious eye damage/eye irritation, Category 1
Corrosive to metals, category 1
Hazardous to the aquatic environment
effects
— Acute Hazard, Category 3

H314: Causes severe skin burns and eye damage.
H332: Harmful if inhaled
H302: Harmful if swallowed
H318: Causes serious eye damage
H290: May be corrosive to metals
H412: Harmful to aquatic life With long lasting

2.2 Label elements

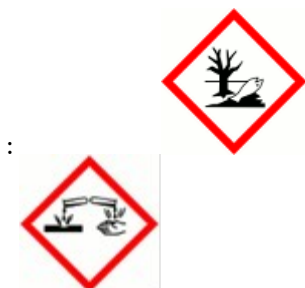
Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms

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Signal Word : Danger

Hazard statements: H302: Harmful if swallowed
H314: Causes severe skin burns and eye damage.
H332: Harmful if inhaled
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H412: harmful to aquatic life With long lasting effects

Precautionary statements : **Prevention:**

P102 Keep out of reach of children
P264 wash skin thoroughly after handling
P264 wash hands thoroughly after handling
P280 Wear eye protection, face protection, protective clothing,
protective gloves.
P260 Do not breathe dust, vapours

P406 Store in corrosive resistant
P273 Avoid release to the environment
P405 Store locked up
P501 Dispose of contents/container to Comply with applicable regulations

Response:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, preferred to rinse with diluted citric acid Solution if exposed vigorously.

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P304+P340 - IF INHALED Remove person to fresh air and keep comfortable for breathing

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower

SECTION 3. Composition/information on ingredients

3.1 Substances

Chemical Name	CAS-No. EC-No. Registration number	Concentration [Percent by weight]*
Sodium Hydroxide Pellets	(CAS No) 1310-73-2 (EC No) : - not classified	100.00

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SECTION 4. First aid measures

4.1 Description of first aid measures

If inhaled:	remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice if you feel unwell.
In case of skin contact:	Wash thoroughly with water
In case of eye contact:	Remove contact lenses. Immediately flush eyes for at least 20 minutes then wash it by uric acid 5 % .
If swallowed:	Keep respiratory tract clear. DO NOT INDUCE VOMITING drink lemon or orange juice & then drink of any oil food , If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:	no data available
Risks:	no data available

4.3 Indication of any immediate medical attention and special treatment needed

Refer to section 4.1

SECTION 5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Adapt extinguishing media to the environment for surrounding fires

5.2. Special hazards arising from the substance or mixture

Fire hazard : DIRECT FIRE HAZARD: Non combustible. INDIRECT FIRE HAZARD: Reactions involving a fire hazard: see "Reactivity Hazard". Explosion hazard : INDIRECT

EXPLOSION HAZARD: Reactions with explosion hazards: see "Reactivity Hazard".

Reactivity : May be corrosive to metals. Absorbs the atmospheric CO₂. Violent to explosive reaction with (some) acids. Reacts violently with many compounds: heat release resulting in increased fire or explosion risk. Violent exothermic reaction with water (moisture): release of corrosive mist. Reacts exothermically on exposure to water (moisture) with combustible materials: risk of spontaneous ignition

5.3. Advice for firefighters

Precautionary measures fire : Exposure to fire/heat: keep upwind.

Exposure to fire/heat: consider evacuation.

Exposure to fire/heat: have neighbourhood close doors and windows.

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Firefighting instructions : Cool tanks/drums with water spray/remove them into safety. When cooling/extinguishing: no water in the substance. Take account of toxic fire-fighting water. Use water moderately and if possible collect or contain it.

Protection during firefighting : Heat/fire exposure: compressed air/oxygen apparatus.

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Absorb spillage to prevent material damage. Dike and contain spill.

6.1.1. For non-emergency personnel Protective equipment : Gloves. Face-shield. Corrosion-proof suit. Dust cloud production: compressed air/oxygen apparatus. Contact with moisture/water: compressed air/oxygen apparatus. Contact with moisture/water: gas-tight suit.

Emergency procedures : Mark the danger area. Prevent dust cloud formation. Corrosion-proof appliances. Keep containers closed. Avoid ingress of water in the containers. Wash contaminated clothes. On contact with moisture/water: keep upwind. On contact with moisture/water: consider evacuation. In case of hazardous reactions: keep upwind. In case of reactivity hazard: consider evacuation.

Measures in case of dust release : In case of dust production: keep upwind. Dust production: have neighborhood close doors and windows.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. Do not breathe dust.

Emergency procedures : Stop release.

6.2. Environmental precautions

Prevent soil and water pollution. Prevent spreading in sewers.

6.3. Methods and material for containment and cleaning up

For containment : Contain released product, pump into suitable containers. Plug the leak, cut off the supply. Dam up the solid spill. Hazardous reaction: measure explosive gas-air mixture. Reaction: dilute combustible gas/vapor with water curtain.

Methods for cleaning up : Collect the spill only if it is in a dry state. Wetted substance: cover with powdered limestone or dry sand, earth, vermiculite. Scoop solid spill into closing containers. Under controlled conditions: neutralize leftovers with dilute acid solution. Possible violent reaction if you neutralize. Carefully collect the spill/leftovers. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

6.4. Reference to other sections

No additional information

SECTION 7. Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling : Avoid raising dust. Avoid contact of substance with water. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Keep the substance free from contamination. Use corrosion proof equipment. Thoroughly clean/dry the installation before use. Do not discharge the waste into the drain.

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Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse. Separate working clothes from town clothes. Launder separately.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage:

Incompatible products : combustible materials. metals. Strong acids. Strong oxidizers. Protect from moisture.

Incompatible materials :
incompatible materials. Moisture. Heat sources.

Storage temperature : 20 °C

Heat and ignition sources : KEEP SUBSTANCE AWAY FROM: heat sources.

Prohibitions on mixed storage : KEEP SUBSTANCE AWAY FROM: combustible materials. oxidizing agents. (strong) acids. metals. organic materials. water/moisture.

Storage area : Store in a dry area. Keep container in a well-ventilated place. Keep locked up. Unauthorized persons are not admitted. Store at ambient temperature. Keep only in the original container. Meet the legal requirements.

Special rules on packaging : SPECIAL REQUIREMENTS: hermetical. watertight. corrosion-proof. dry. clean. correctly labelled. meet the legal requirements. Secure fragile packagings in solid containers.

Packaging materials : SUITABLE MATERIAL: stainless steel. nickel. polyethylene. paper. MATERIAL TO AVOID: lead. aluminium. copper. tin. zinc. bronze. textile.

7.3 Specific end use(s)

Specific use(s) : for any clogged drainpipes/ melt grease and hair without effecting pipes .

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Sodium hydroxide	2 mg/m3 Ceiling	10 mg/m3 IDLH	2 mg/m3 TW

8.2. Appropriate engineering controls

Appropriate engineering controls : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment: Safety glasses. Protective clothing. Gloves. Dust/aerosol mask with filter type P3.

Materials for protective clothing: GIVE GOOD RESISTANCE: natural rubber. neoprene. nitrile rubber. GIVE LESS RESISTANCE: butyl rubber. polyethylene. PVA. GIVE POOR RESISTANCE: natural fibres

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Hand protection: Gloves

Eye protection: Face shield. In case of dust production: protective goggles
Skin and body protection: Corrosion-proof clothing. In case of dust production: head/neck protection

Respiratory protection: Dust production: dust mask with filter type P3. High dust production: self-contained breathing apparatus

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: Crystalline solid
Form	: solid
Color	: White /grey
Taste	: Odourless
Odor	: 14
pH	: N/A
Total Active matter	: N/A
Specific Gravity	: N/A
Flash point	: N/A
Flammability (solid, gas)	: N/A
Boiling point	: N/A
Vapor pressure	: N/A
Vapor Density	: N/A
solubility	: Exothermically soluble in water/ Soluble in ethanol/ Soluble in methanol
Soluble in glycerol/ Ethanol:	soluble
Evaporation rate	: N/A
Explosive properties	: no data available
Molecular mass	: 40 g/mol

9.2 Other information

Not applicable

SECTION 10. Stability and reactivity

10.1. Reactivity

May be corrosive to metals. Absorbs the atmospheric CO₂. Violent to explosive reaction with (some) acids. Reacts violently with many compounds: heat release resulting in increased fire or explosion risk. Violent exothermic reaction with water (moisture): release of corrosive mist. Reacts exothermically on exposure to water (moisture) with combustible materials: risk of spontaneous ignition.

10.2. Chemical stability

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Hygroscopic. Unstable on exposure to air.

10.3. Possibility of hazardous reactions

Reacts violently with acids. Reacts violently with water.

10.4. Conditions to avoid

Moisture. Incompatible materials.

10.5. Incompatible materials

Water/Strong oxidizers/ Strong acids/ metals/combustible materials.

10.6. Hazardous decomposition products

Sodium oxide.

SECTION 11. Toxicological information

11.1 Information on toxicological effects

Likely routes of exposure : Skin and eyes contact

Acute toxicity : Not classified

Skin corrosion/irritation : Causes severe skin burns and eye damage.

Serious eye damage/irritation : Causes serious eye damage.

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated Exposure): Not classified

Aspiration hazard : Not classified

Potential adverse human health effects and Symptoms: Causes severe skin burns. Causes serious eye damage.

Symptoms/effects after inhalation : WHEN PROCESSED: Dry/sore throat. Coughing. Irritation of the respiratory tract. Irritation of the nasal mucous membranes. ON CONTINUOUS EXPOSURE/CONTACT: Respiratory difficulties. FOLLOWING SYMPTOMS MAY APPEAR LATER: Possible oedema of the upper respiratory tract. Possible laryngeal spasm/oedema. Risk of lung oedema.

Symptoms/effects after skin contact : Blisters. Caustic burns/corrosion of the skin. Slow-healing wounds.

Symptoms/effects after eye contact : Corrosion of the eye tissue. Permanent eye damage.

Symptoms/effects after ingestion : Dry/sore throat. Nausea. Abdominal pain. Blood in vomit. Difficulty in swallowing. Possible

esophageal perforation. Burns to the gastric/intestinal mucosa. Bleeding of the gastrointestinal tract. Shock.

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Chronic symptoms : ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Dry skin. Skin rash/inflammation.
Possible inflammation of the respiratory tract. Gastrointestinal complaints

SECTION 12. Ecological information

12.1 Toxicity

Ecology - general : Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008.

Ecology - air : Not included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014). Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009).

Ecology - water : Harmful to crustacea. Harmful to fishes. Groundwater pollutant. pH shift.

12.2 Persistence and degradability

not applicable.

12.3 Bio accumulative potential

Not bioaccumulative.

12.4 Mobility in soil

No (test)data on mobility of the substance available.

SECTION 13. Disposal considerations

13.1 Waste treatment methods

Waste disposal recommendations : Do not discharge into drains or the environment. Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Should not be landfilled with household waste. Recycle/reuse. Dilute. Neutralize.

Additional information : Hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014 and Regulation (EU) No 2017/997

SECTION 14. Transport information

14.1 In Accordance with DOT

NOT Classified

14.2 In Accordance with IMDG

NOT Classified

14.3 In Accordance with IATA

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NOT Classified

SECTION 15. Regulatory information

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

No additional information available

15.2 Chemical safety assessment

No additional information available

SECTION 16. Other information

Full text of H-Statements referred to under sections 2 and 3.

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HAMOUEH assumes no responsibility of injury to the user or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet.

The information is based on our present knowledge and experience and intended to describe the products with a view to the safety precautions to take. It does not represent a guarantee of the properties of the product.

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, 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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